



- CHARGER
- BSU
- BOOSTER
- STARTER
- TESTER
- JUMPER CABLE
- ACCESSORIES



Tools



French manufacturer since 1964

# Chargers, Boosters & Starters

Charge & entretien des batteries  
 Batterieservicegeräte-Katalog  
 Caricabatterie, Booster & Avviatore  
 Catálogo de Cargadores

2  
0  
2  
2  
C





900 people  
 125 000 000  
 55 000 m<sup>2</sup>  
 2 factories

Created in 1964, GYS is a French industrial group with 900 employees around the world. Built around continuous investment in Research & Development and in the acquisition of knowledge, the company is now a major player in the design and manufacture of welding machines, battery chargers and car body repair equipment.



Nicolas & Bruno Bouygues

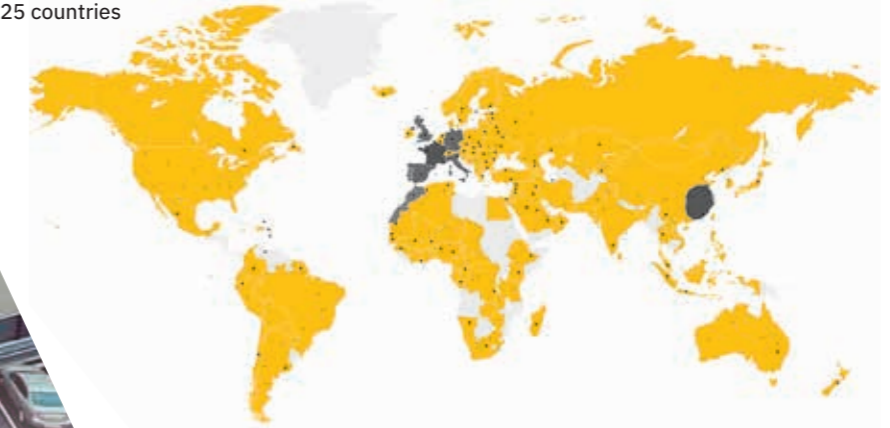
“ The market realities are constantly changing and the size of our family business requires us to quickly adapt to new contexts and new challenges.

We are convinced that our future is closely linked to the future of our partners. This is why we do everything in our power to understand what distributors and users expect from us and what challenges they face every day. To support them in facing these challenges, we wish to become and remain their privileged partner on the path we will travel together. ”

Bruno Bouygues,  
C.E.O.

## A worldwide coverage

125 countries



visit with  
Youtube

# INVEST IN THE FUTURE

FR

Créé en 1964, GYS est un groupe industriel français regroupant plus de 900 collaborateurs dans le monde. Fort d'un centre de recherche de premier plan, GYS est un acteur majeur dans la conception et la fabrication d'équipements de soudage, de chargeurs de batteries et de systèmes de réparation carrosserie.

Les nouvelles réalités du marché sont en perpétuel changement et la taille de notre entreprise familiale nous impose une adaptation rapide aux nouveaux contextes et à leurs enjeux.

Nous sommes convaincus que notre avenir est étroitement lié à celui de nos clients. Pour cela, nous mettons tout en oeuvre pour comprendre ce que les distributeurs et les utilisateurs attendent de nous, savoir à quels défis ils font face et voir dans quelle mesure nous pouvons leur permettre de les relever afin de devenir et rester leur partenaire privilégié pour le chemin que nous avons à parcourir ensemble.

DE

GYS wurde 1964 gegründet und ist ein französisches Familienunternehmen mit mehr als 900 Mitarbeitern auf der ganzen Welt. Dank einem erstklassigen Forschungszentrum ist GYS ein wichtiger Akteur in der Entwicklung und Herstellung von Schweißgeräten, Batterieladegeräten und Karosseriereparatursystemen.

Neue Marktbedingungen sind in fortwährender Veränderung und die Größe unseres Familienunternehmens veranlasst eine rasche Anpassung an neue Umstände und an ihre Herausforderungen.

Wir sind überzeugt, dass unsere Zukunft eng mit der unserer Kunden verbunden ist. Dafür setzen wir all unser Können ein, um zu verstehen, was die Händler und Anwender von uns erwarten, welchen Herausforderungen sie gegenüberstehen und um zu schauen, in welchem Maße wir sie unterstützen können, damit wir ihr bevorzugter Partner werden und bleiben auf dem Weg, den wir gemeinsam beschreiten.

IT

Nato nel 1964, GYS è un gruppo industriale francese che raggruppa oltre 900 collaboratori nel mondo. Forte di un centro di ricerca di grande importanza, GYS è uno dei maggiori protagonisti nella progettazione e fabbricazione di apparecchiature per la saldatura e il taglio, di cariche batterie booster e avviatori e sistemi di riparazione delle carrozzerie.

Le realtà del mercato sono in continuo cambiamento e richiedono risposte immediate. Le dimensioni della nostra impresa familiare consentono un adattamento rapido ai nuovi contesti e alle loro problematiche.

Siamo convinti che il nostro futuro sia strettamente legato a quello dei nostri clienti. Per questo noi mettiamo il massimo impegno per capire quello che i distributori e i loro clienti/utilizzatori si aspettano da noi, quali sfide devono affrontare e come possiamo aiutarli per farli crescere, per diventare e restare loro partner di riferimento per proseguire insieme sul cammino del successo.



GYS FRANCE Laval	GYS GERMANY Aachen	GYS U.K. Rugby	GYS CHINA Shanghai	GYS ITALIA Venezia	GYS IBERICA Madrid
🕒 1964 👤 × 600	🕒 2006 👤 × 70	🕒 2008 👤 × 35	🕒 2004 👤 × 130	🕒 2015 👤 × 20	🕒 2022 👤 × 6

### Partners





## GYS ACADEMY

Training centre dedicated to professionals

Centre de formation agréé

Trainingcenter für Profis

Centro di formazione dedicato ai professionisti

Ref. 52 53 0068153

## 3 catalogues

3 200+ references



Welding & Cutting



Car Body Welding Systems



Chargers, Boosters & Starters

## CHARGERS

6 - 12 - 24 - 36 - 48 V

### Smart HF



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### Chargers



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## STARTERS & CHARGERS

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## BOOSTERS

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12 - 24 V

### Lithium inside



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### ACCESSORIES



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Accessories  
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Working lights  
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Traction selection  
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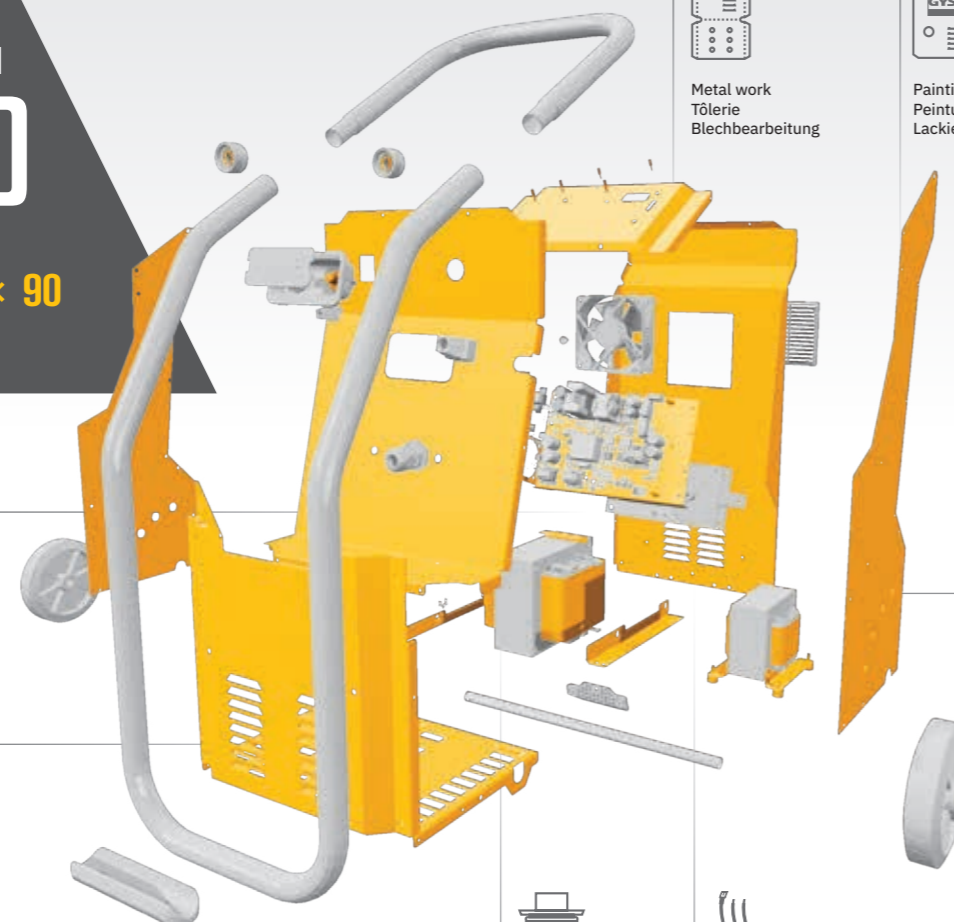
Charging curves  
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Marketing  
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Advanced R&D

90



Metal work  
Tôlerie  
Blechbearbeitung



Painting & marking  
Peinture & marquage  
Lackierstraße

Assembly  
Montage/tests  
Montage



Transformers  
Transformateurs  
Transformatoren



Cable work  
Filerie  
Kabelkonfektionierung



Electronics  
Électronique  
Elektronik



Mechanical  
Mécanique  
CNC-Bearbeitung

100%  
in house  
production

www.gys.fr



## GYSFLASH TECHNOLOGY

### SSM

Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.  
Save and load settings. Automatic restart in case of power cut.  
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

### START STOP

Start/stop Engine :  
Compatible véhicules Start/Stop.  
Compatible with Start/Stop vehicles.  
Geeignet für START-STOP- Fahrzeuge.

### CAN BUS

Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).

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### Auto Recovery

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

### Cold Charge

Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.

"Cold charge" mode: performance-enhancing charging mode for cold or freezing weather conditions.

-Cold Charge-Modus: Leistungsoptimierung bei kaltem Wetter oder bei Frost.

### Temp Sensor

Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

### Power Supply

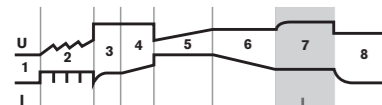
Source d'énergie : mode de maintien optimal de l'état de charge. Idéal pour les véhicules en hivernage, de démonstration, ou pour le remplacement de batterie.

Power supply mode: Optimum floating charge, ideal for use during battery change to protect vehicle memory. Also for when the vehicle is not in use for extended periods or for demonstration use.

Energiequelle: Aufrechterhaltung des Batteriezustands. Ideal für Saison-, Ausstellungsfahrzeuge oder bei Batteriewechsel.

## SMART CHARGE

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



### REFRESH

Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).  
Rebalancing of the battery cells for greater longevity (not available on all models).  
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

## GYSFLASH

# CHARGERS Pb

## SMART HF INVERTER



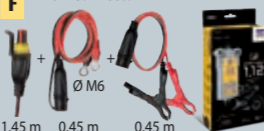
12V

### GYSFLASH 1.12

1 A



#### F FLASH Connector



1.45 m 0.45 m 0.45 m

029361

UK: 029514

### GYSFLASH 4.12 & 4.12S

0.8/4 A



#### F FLASH Connector



1.45 m 0.45 m 0.45 m

4.12

029422

UK: 029521

4.12S (110 V)

069190

USA: 072701

BRA: 072817

### GYSFLASH 6.12

0.8/6 A



#### F FLASH Connector



1.45 m 0.45 m 0.45 m

029378

UK: 029613

### GYSFLASH 8.12

8 A



#### S SAE Connector



1.9 m

029385

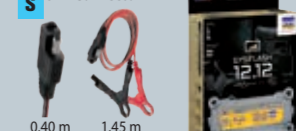
UK: 029545

### GYSFLASH 12.12

12 A



#### S SAE Connector



0.40 m 1.45 m

029392

UK: 029552



DESIGN  
GYS  
FRANCE  
MADE IN  
GYS CHINA

	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50/60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions
GYSFLASH 1.12			18 W	1 A	12 V	2 > 32 Ah	2 > 100 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.44 kg	130 × 80 × 38 mm
GYSFLASH 4.12 GYSFLASH 4.12S			70 W	0,8/4 A	12 V	1.2 > 90 Ah	1.2 > 130 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.69 kg	170 × 90 × 51 mm
GYSFLASH 6.12			90 W	0,8/6 A	12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	0.77 kg	190 × 100 × 52 mm
GYSFLASH 8.12			130 W	8 A	12 V	15 > 160 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	0.85 kg	190 × 100 × 52 mm
GYSFLASH 12.12			195 W	12 A	12 V	20 > 250 Ah	20 > 330 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	1.1 kg	221 × 111 × 58 mm





# CHARGERS Pb

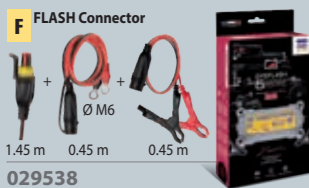
SMART HF INVERTER



## HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

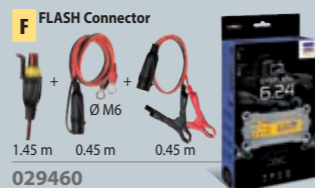
0.8/6A



## 6/12/24V

GYSFLASH 6.24

0.8/6A



GYSFLASH 9.24

9A



### GYSFLASH TECHNOLOGY

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Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.  
Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

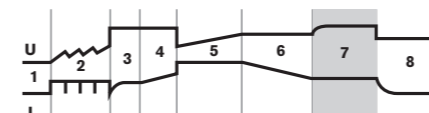
#### t°

Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.  
Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.  
Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

### SMART CHARGE 7 STEP / 8 STEP / 8 STEP LiFePO4

#### Pb

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%

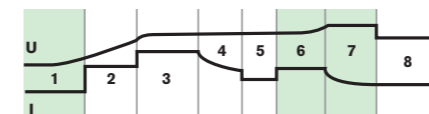


#### REFRESH 8 STEP

Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).  
Rebalancing of the battery cells for greater longevity (not available on all models).  
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

#### LiFePO4 (LFP)

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



UVP Wake up (Under Voltage Protection)  
Réactivation de la batterie en protection UVP.  
Battery reactivation when in UVP protection.  
Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System  
Équilibrage des cellules.  
Balancing of the battery cells.  
Ausgleich der Batteriezellen.



# LiFePO4



## 12V

GYSFLASH 1.12 Lithium

1A



GYSFLASH 6.12 Lithium

4/6A



GYSFLASH	Power	I charge	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	PATENTS REGISTERED NUMBERS		
												002280008 & 002279927	EUROPEAN TRADEMARK & DESIGN	
GYSFLASH 6 HERITAGE	220-240 V AC	2m	90 W	0.8/6 A	6/12V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.77 kg	190 × 100 × 52 mm
GYSFLASH 6.24	220-240 V AC	2m	130 W	0.8/6 A	6/12V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 step	IP 65	0.85 kg	190 × 100 × 52 mm
				0.8/4 A	24V	1.2 > 100 Ah	1.2 > 140 Ah							
GYSFLASH 9.24	220-240 V AC	2m	190 W	9 A	6/12V	18 > 220 Ah	18 > 300 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 step	IP 65	1.1 kg	221 × 111 × 58 mm
				6 A	24V	15 > 125 Ah	15 > 170 Ah							



DESIGN GYS FRANCE MADE IN GYS CHINA	50 / 60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions		
GYSFLASH 1.12 Lithium	220-240V AC	1m	18 W	1A	12V	0.5 > 20 Ah	0.5 > 50 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 step	IP 65	0.44 kg	130 × 80 × 38 mm
GYSFLASH 6.12 Lithium	220-240V AC	2m	90 W	4/6A	12V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 step	IP 65	0.77 kg	190 × 100 × 52 mm

# CHARGERS Pb/LiFePO4

SMART HF INVERTER



**SC SMART COOLING TECHNOLOGY**  
**100% DUST PROOF**  
**SILENT**

**IP 23**  
INDOOR / OUTDOOR

**IP 65**  
INDOOR / OUTDOOR

**SHOCK RESISTANT**

## 12V

### GYSFLASH 1.12 PL & 1.12 PL S

**1A**

GO > 7V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO4



**1.12 PL**  
026902  
027541

**1.12 PL S (110 V)**  
070851  
072794  
072824

### GYSFLASH 8.12 PL

**8A**

GO > 7V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO4



069282

### GYSFLASH 18.12 PL

**7/12/18A** GO > 2V

GO > 2V SSM START STOP

8 STEP LiFePO4 7 STEP Pb



026926

### GYSFLASH 30.12 PL

**7/15/30A**

GO > 2V SSM START STOP

7 STEP Pb 8 STEP LiFePO4



029668  
026070

### GYSFLASH 32.12 PL

**7/15/30A**

GO > 2V SSM START STOP

7 STEP Pb 8 STEP LiFePO4

SC



029668  
026070

### GYSFLASH 20.12/24 PL

**7/15/20A**

GO > 2V SSM START STOP

7 STEP Pb 8 STEP LiFePO4



026049  
027558

### GYSFLASH 15.24 XTREM

**15A**

GO > 2V SSM START STOP

7 STEP Pb 8 STEP LiFePO4

SC



5 m - 4 mm²  
025813

DESIGN GYS FRANCE	MADE IN GYS CHINA	MADE IN FRANCE	50 / 60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	
GYSFLASH 1.12 PL	GYSFLASH 1.12 PL S	GYSFLASH 1.12 PL	220-240 V AC	20 W	1 A	12 V	2 > 32 Ah (Pb) 0.5 > 20 Ah (LiFePO4)	2 > 100 Ah (Pb) 0.5 > 50 Ah (LiFePO4)	<0.4 Ah/month	<150 mV Rms	IuOu	7 step (Pb) 8 step (LiFePO4)	IP 65	0,69 kg	170 × 90 × 51 mm
GYSFLASH 8.12 PL	GYSFLASH 18.12 PL	GYSFLASH 30.12 PL	220-240 V AC	130 W	1/8 A	12 V	15 > 160 Ah (Pb) 1.2 > 160 Ah (LiFePO4)	15 > 240 Ah (Pb) 1.2 > 240 Ah (LiFePO4)	<0.4 Ah/month	<150 mV Rms	IuOu	7 step (Pb) 8 step (LiFePO4)	IP 65	0,85 kg	190 × 100 × 52 mm
GYSFLASH 18.12 PL	GYSFLASH 32.12 PL	GYSFLASH 20.12/24 PL	220-240 V AC	300 W	7/12/18 A	12 V	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO4)		<0.5 Ah/month	<100 mV Rms	IuOu	7 step (Pb) 8 step (LiFePO4)	IP 43	1,55 kg	190 × 190 × 73 mm

DESIGN GYS FRANCE	MADE IN GYS CHINA	MADE IN FRANCE	50 / 60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	
GYSFLASH 30.12 PL	GYSFLASH 32.12 PL	GYSFLASH 20.12/24 PL	220-240 V AC	500 W	7/15/30 A	12 V	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO4)	10 > 400 Ah	<0.5 Ah/month	<150 mV Rms	IuOu	7 step (Pb) 8 step (LiFePO4)	IP 43	1,85 kg	190 × 190 × 73 mm
GYSFLASH 20.12/24 PL	GYSFLASH 15.24 XTREM	GYSFLASH 15.24 XTREM	220-240 V AC	500 W	7/15/20 A 7/15 A 24 V	12 V 24 V	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO4) 15 > 240 Ah (Pb) 7 > 240 Ah (LiFePO4)	5 > 240 Ah	<1 Ah/month	<150 mV Rms	IuOu	7 step (Pb) 8 step (LiFePO4)	IP 43	1,85 kg	190 × 190 × 73 mm
GYSFLASH 15.24 XTREM			230V	500 W	7/10/15 A	12/24 V	5 > 240 Ah		<1 Ah/month	<150 mV Rms	IuOu	IP 65	5,4 kg	75 × 250 × 210 mm	

SSM

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t°

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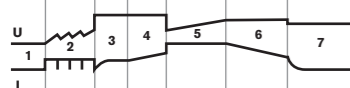
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SMART CHARGE 7 STEP / 8 STEP LiFePO4

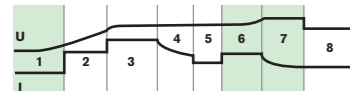
Pb

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%



LiFePO4 (LFP) / Li-ion

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



UVP Wake up (Under Voltage Protection)  
Réactivation de la batterie en protection UVP.  
Battery reactivation when in UVP protection.  
Reaktivierung der Batterie mit UVP-Schutz.

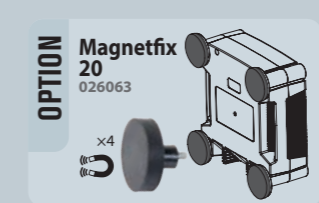
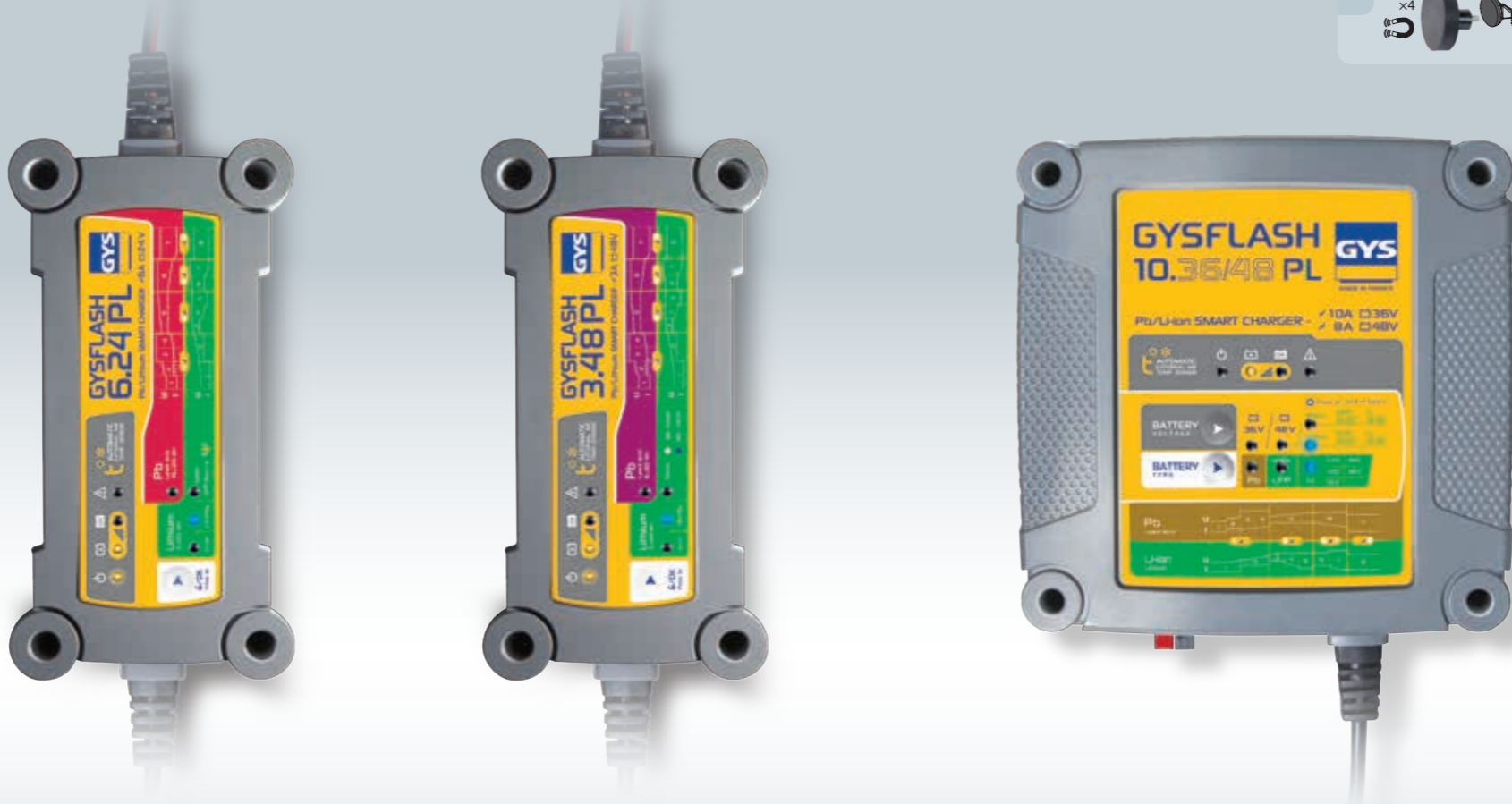
Equalizing Balancing System  
Équilibrage des cellules.  
Balancing of the battery cells.  
Ausgleich der Batteriezellen.

# CHARGERS Pb/Lithium

SMART HF INVERTER

LiFePO4 / Li-ion / Li-Po / NMC / LCO / MCO / NCA...

ELECTRICAL MOBILITY



24 V • ELECTRICAL MOBILITY

GYSFLASH 6.24 PL

6 A GO > 2 V

GO > 2 V SSM t°

7 STEP Pb 8 STEP LiFePO4 8 STEP Li-ion



027398

48V • INDUSTRY / ELECTRICAL MOBILITY • 36 / 48 V

GYSFLASH 3.48 PL

3 A GO > 5 V

GO > 5 V SSM t°

7 STEP Pb 8 STEP LiFePO4 8 STEP Li-ion



027893

GYSFLASH 10.36/48 PL

10 A GO > 5 V

GO > 5 V SSM t°

7 STEP Pb 8 STEP LiFePO4 8 STEP Li-ion



027060



DESIGN GYS FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I <sub>charge</sub>	V	n cell			Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions		
						Pb	LFP	NMC										
MADE IN GYS CHINA	GYSFLASH 6.24 PL	220-240 V AC	2 m	190 W	6 A	24V	12	8	6	15 > 125 Ah (Pb) 2 > 125 Ah (Li)	15 > 170 Ah (Pb) 2 > 170 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	221x111x58 mm
							6 > 60 Ah	6 > 85 Ah	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	221x111x58 mm			
MADE IN FRANCE	GYSFLASH 3.48 PL	220-240 V AC	2 m	195 W	3 A	48V	24	15/16	13/14	3 > 60 Ah	3 > 85 Ah	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	221x111x58 mm
							20 > 230 Ah (Pb) 10 > 230 Ah (Li)	10 > 230 Ah (Pb) 10 > 230 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 43	1,85 kg	190x190x73 mm			
MADE IN FRANCE	GYSFLASH 10.36/48 PL	220-240 V AC	2 m	500 W	10 A	36V	18	12	9	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 43	1,85 kg	190x190x73 mm
							15 > 160 Ah (Pb) 8 > 160 Ah (Li)	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 43	1,85 kg	190x190x73 mm			

MOBILITY



OUTDOOR



INDUSTRY



MEDICAL



# CONNECTORS

Une solution complète • A complete solution • Eine Komplettlösung



**F Flash Connector** GYSFLASH ≤ 6A : 1.12 / 4.12 / 6.12 / 6 Heritage / 6.24 / 1.12 Li / 6.12 Li / 1.12 PL

<b>F1 / Clamps</b> L 0.45 m (1.3 mm <sup>2</sup> ) All <b>12V</b> LEAD 026889	<b>F2 / Charge indicator</b> L 0.56 m (1.3 mm <sup>2</sup> ) All <b>12V</b> LEAD 029149	<b>F3 / Eyelets</b> ø M6 L 0.45 m (1.3 mm <sup>2</sup> ) All <b>12V</b> 029194 ø M8 L 0.45 m (1.3 mm <sup>2</sup> ) <b>24V 36V 48V</b> 027626	<b>F4 / Charge indicator eyelets</b> ø M6 L 0.56 m (1.3 mm <sup>2</sup> ) All <b>12V</b> LEAD 029200	<b>F5 / Cigarette lighter</b> L 0.45 m (0.82 mm <sup>2</sup> ) 029439	<b>F6 / Cable</b> L 2.50 m (1.3 mm <sup>2</sup> ) All <b>12V</b> 029057	<b>F7 / Connector MLX</b> L 0.45 m (1.3 mm <sup>2</sup> ) 027589	<b>F8 Adapter S / F - F / S</b> L 0.45 m (1.3 mm <sup>2</sup> ) 027480	<b>F9 Adapter F / A</b> L 0.45 m (1.3 mm <sup>2</sup> ) 025820

**s SAE Connector** GYSFLASH < 16A : 8.12 PL / 12.12 / 9.24 / 6.24 / 3.48 PL

<b>S1 / Clamps</b> L 1.50 m (1.3 mm <sup>2</sup> ) All <b>12V</b> + Showroom Gysflash 1212 027688	<b>S2 / Eyelets</b> ø M6 L 0.45 m (1.3 mm <sup>2</sup> ) <b>12V 24V</b> 027466 ø M8 L 0.45 m (1.3 mm <sup>2</sup> ) <b>24V 36V 48V</b> 027633 ø M10 L 0.45 m (1.3 mm <sup>2</sup> ) <b>36V 48V</b> 027640	<b>S3 / XLR 3 pin</b> L 0.45 m (1.3 mm <sup>2</sup> ) 027428	<b>S4 / T-Bar</b> L 0.45 m (1.3 mm <sup>2</sup> ) 027442	<b>S5 Adapter S / A</b> L 0.45 m (1.3 mm <sup>2</sup> ) 027473	<b>S6 KIT SAE / JACK (max 5 A)</b> L 0.45 m (1.3 mm <sup>2</sup> ) 025646

**A ANDERSON Connector** GYSFLASH < 40A : 18.12 PL / 30.12 PL / 20.12-24 PL / 10.36-48 PL

<b>A1 / Clamps</b> All <b>12V</b> L 1.90 m (4 mm <sup>2</sup> ) 026094 L 6 m (4 mm <sup>2</sup> ) 027435	<b>A2 / Eyelets</b> 4 mm <sup>2</sup> ø M6 L 0.40 m <b>12V 24V</b> 027657 ø M8 L 0.40 m <b>24V 36V 48V</b> 027664 ø M8 L 1.90 m <b>24V 36V 48V</b> 027794 ø M10 L 0.40 m <b>36V 48V</b> 027671	<b>A3 / Anderson</b> L 1.5 m (4 mm <sup>2</sup> ) 027855

**ANDERSON CABLES** GYSFLASH 32.12PL

<b>Anderson/Clamps</b> 2.5 m - 16 mm <sup>2</sup> 056503 5 m - 16 mm <sup>2</sup> 054615 8 m - 16 mm <sup>2</sup> 056572	<b>Anderson/NATO</b> 2.5 m - 16 mm <sup>2</sup> 026810 NATO OTAN	<b>Anderson&lt;-&gt;Texas</b> 0.2 m - 16 mm <sup>2</sup> 055902 1 m - 16 mm <sup>2</sup> 028791

**XTREM CABLES** GYSFLASH 15.24 XTREM

<b>2pts/NATO Spiral</b> NATO OTAN 5 m 028968	<b>2pts/NATO</b> NATO OTAN 5 m - 4 mm <sup>2</sup> 025837	<b>2pts/DIN14690</b> Emergency vehicle 5 m 028777

# SELECT THE RIGHT GYSFLASH

CHOISISSEZ VOTRE GYSFLASH • WÄHLEN SIE IHR GYSFLASH AUS

SPECIAL PROJECT - CONTACT US

GYSFLASH	MEDICAL SERVICE - LEISURE					MOTORBIKE LIGHT MOBILITY				AUTO - CAMPER VAN - TRUCK							MARINE			INDUS TRY		URBAN	
	6V	12V	24V	36V	48V																		
1.12																							
1.12 PL																							
4.12																							
6.12																							
8.12		12V																					
8.12 PL																							
12.12																							
18.12 PL																							
30.12 PL																							
6 Heritage	6V	12V																					
6.24 PL			24V																				
20.12/24 PL		12V	24V																				
6.24		6V	12V	24V																			
9.24																							
3/48 PL					48V																		
10.36/48 PL				36V	48V																		

**LiFePO4**

1.12 Lithium																						
1.12 PL																						
6.12 Lithium																						
8.12 PL		12V																				
18.12 PL																						
30.12 PL																						
6.24 PL			24V																			
20.12/24 PL		12V	24V																			
3/48 PL					48V																	
10.36/48 PL				36V	48V																	

**Li-ion**

6.24 PL			24V																			
3/48 PL					48V																	
10.36/48 PL				36V	48V																	

M = maintenance only

GYSFLASH CONNECTORS/SELECTION SMART HF INVERTER CHARGERS



**SPECIAL PROJECT - CONTACT US**

Contact us for special projects. Quick customization : CAN BUS / CAN Open / J1939 / NMEA 2000 / RS485 / SM BVS / Automation / Relays...

**SC SMART COOLING TECHNOLOGY**

100% DUST PROOF



SILENT

HIGH EFFICIENCY  
Up to 15% Energy Saving

93%

EMC class B

**ALU** RUST PROTECTION

ULTRA LIGHTWEIGHT

VIBRATION & SHOCK RESISTANT

-25 / +60°C

**GYSFLASH PL-E TECHNOLOGIES**

**SSM** Mémoire des réglages. Redémarrage automatique en cas de coupure électrique.

Save and load settings. Automatic restart in the event of a power cut.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

**Auto Recovery** : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

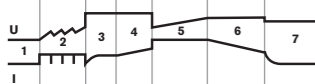
Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

**SMART CHARGE**

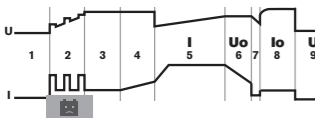
**Pb**

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%



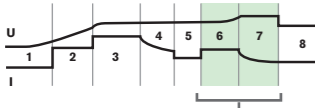
**Pb TRACTION**

1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%



**LiFePO4 (LFP) / Li-ion**

1. Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



**Equalizing Balancing System**  
Équilibrage des cellules.  
Balancing of the battery cells.  
Ausgleich der Batteriezellen.

**OUTDOOR - LEISURE**



**MOBILITY**



**MARINE**



**AGRI**



**MEDICAL**



**PROFESSIONAL**



**INDUSTRY**



**GYSFLASH / GYSPOWER**

**ON BOARD CHARGERS FOR Pb & LITHIUM BATTERIES**

**EMBARQUÉ ON BOARD**

- Pb** NMC / LCO / MCO / NCA...
- Lithium** LiFePO4 / Li-ion / Li-Po

**SSM** **PFC** POWER FACTOR CORRECTION 185V ↔ 265V



7 cm GYSFLASH 18.12 PL-E

8 cm GYSFLASH 15.24 PL-E  
GYSFLASH 10.36 PL-E  
GYSFLASH 8.48 PL-E

**12V**  
GYSFLASH 18.12 PL-E  
**18 A**  
Pb / LFP  
025806

GYSFLASH 30.12 PL-E  
**30 A** COMING SOON  
Pb / LFP

**24V**  
GYSFLASH 15.24 PL-E  
**15 A**  
Pb / Traction / LFP / Li-ion  
025943

**36V**  
GYSFLASH 10.36 PL-E  
**10 A** COMING SOON  
Pb / Traction / LFP / Li-ion  
025950

**48V**  
GYSFLASH 8.48 PL-E  
**8 A** COMING SOON  
Pb / Traction / LFP / Li-ion

**OPEN & CONNECT**



**INCLUDED**



**INDUSTRIAL CHARGERS** COMING SOON

PB / Traction / LFP / Li-ion  
CAN BUS / CAN OPEN / J1939 / NMEA 2000 / R9485 / SM BVS

- GYSPOWER 24V : 15 A - 30 A - 50 A - 100 A
- GYSPOWER 36V : 10 A - 20 A - 30 A
- GYSPOWER 48V : 8 A - 25 A - 50 A

MADE IN FRANCE	50/60 Hz	Pb	LFP	START MINI	I max	Temperature				Zz	Ondulation/Ripple	IP	Dimensions	Weight		
						@100%	@100%	@100%	@100%							
GYSFLASH 18.12 PL-E	230V	12V	300W	2V	18A	18A	16A	14A	12.5A	36 > 270 Ah	18 > 270 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 x 7 x 17.5 cm	1.3 kg
GYSFLASH 30.12 PL-E	230V	12V	500W	2V	30A	30A	27A	23A	18A	60 > 400 Ah	30 > 400 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 x 8 x 17.5 cm	1.6 kg
GYSFLASH 15.24 PL-E	230V	24V	500W	2V	15A	15A	13.5A	11.5A	9A	30 > 240 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 x 8 x 17.5 cm	1.6 kg
GYSFLASH 10.36 PL-E	230V	36V	500W	2V	10A	10A	9A	7.5A	6A	20 > 230 Ah	10 > 230 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 x 8 x 17.5 cm	1.6 kg
GYSFLASH 8.48 PL-E	230V	48V	500W	2V	8A	8A	7A	6A	5A	15 > 160 Ah	8 > 160 Ah	<0.4 Ah/month	<150 mV Rms	20	21.5 x 8 x 17.5 cm	1.6 kg

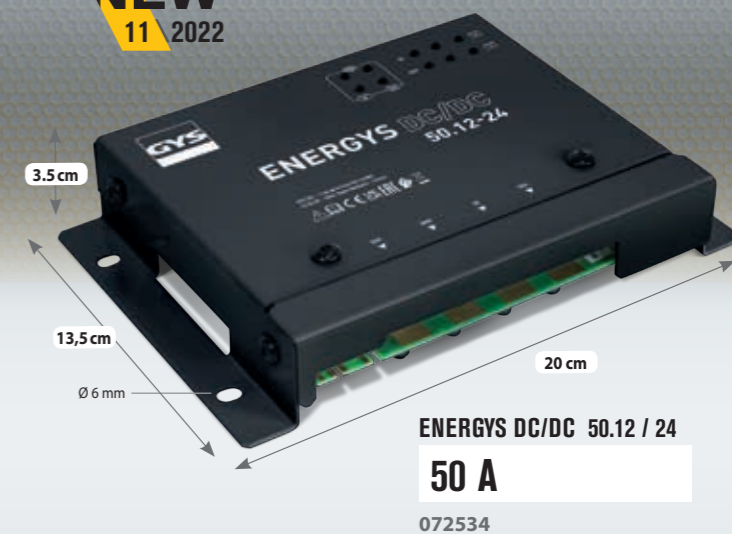
**ENERGYS**

**POWER INVERTER DC > DC REVERSIBLE**

**EMBARQUÉ ON BOARD**

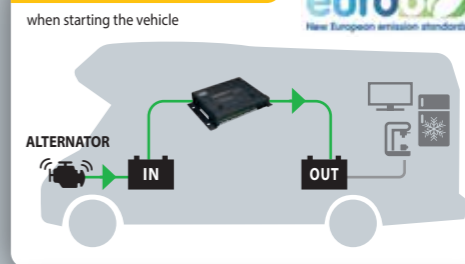
- Pb** Liquid / Gel, AGM
- Lithium** LiFePO4

**NEW**  
11 2022

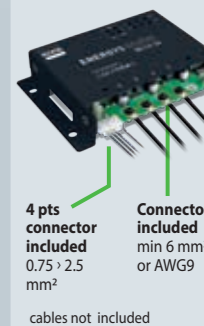


	U input	U output	I output	POWER	EFFICIENCY	Zz	T° USE	OUTPUT	mm	g
ENERGYS DC/DC 50.12/24	10-32V	0-32V	50 A	1500 W	98 %	<1 mA	50 °C	6 mm <sup>2</sup> min	135 x 35 x 200	520

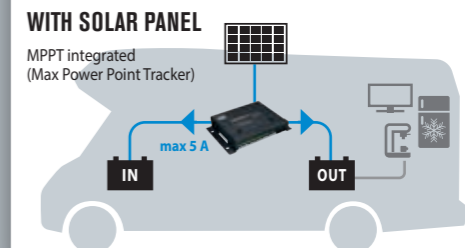
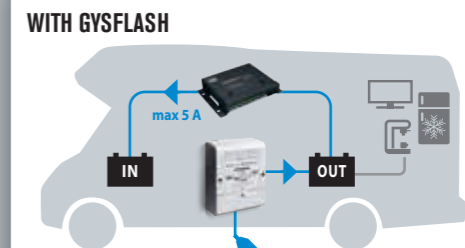
**EURO 6 STANDARD**



**OPEN & CONNECT**



**DOUBLE CHARGING** vehicle stopped



**MORE OUTPUT POWER**



GYSFLASH / ENERGYS EMBARQUÉ / ON BOARD

**SC SMART COOLING TECHNOLOGY**

100% DUST PROOF

SILENT

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub>**

- Status analysis
- UVP Wake Up (Under Voltage Protection). Battery reactivation when in UVP protection
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

**CHARGE**

**Pb AUTOMOTIVE**

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT

**Pb TRACTION**

- ✓ GEL
- ✓ LIQUID

**LITHIUM READY**

- ✓ LFP/LiFePO<sub>4</sub>

**BSU**

**DIAG +** U2 ADJUSTABLE

**SHOWROOM**

**CHANGE BATTERY**

**POWER SUPPLY** U2 & I2 max ADJUSTABLE

**GYSFLASH PRO**

# BSU & CHARGERS

BATTERY SUPPORT UNIT

YouTube

PLAYLIST GYSFLASH PRO

10.5 cm

**PFC POWER FACTOR CORRECTION**

185 V ← 265 V

**FV FLEXIBLE VOLTAGE**

85 V ← 265 V



- 22 languages**
- GB DK CZ
  - FR FI PL
  - DE TR SK
  - NL HR UA
  - ES GR
  - PT HU
  - IT CN simplified
  - RU CN traditional
  - SE JP



**12 V**

<b>GYSFLASH 30.12</b> <b>30 A</b> PFC SC 2,5 m - 6 mm <sup>2</sup> 029224	<b>GYSFLASH 50.12 FV</b> <b>50 A</b> PFC FV SC 2,5 m - 10 mm <sup>2</sup> 029071 026056	<b>GYSFLASH 100.12</b> <b>100 A</b> PFC SC 2,5 m - 16 mm <sup>2</sup> 029071 029453 5 m - 16 mm <sup>2</sup> 029415 029002
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**6 / 12 / 24 V**

<b>GYSFLASH 30.24</b> <b>30 A</b> PFC SC 2,5 m - 6 mm <sup>2</sup> 029231	<b>GYSFLASH 50.24</b> <b>50 A</b> PFC SC 2,5 m - 10 mm <sup>2</sup> 029095 5 m - 16 mm <sup>2</sup> 029620
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**12 V**

<b>GYSFLASH 102.12</b> <b>100 A</b> PFC SC 5 m - 16 mm <sup>2</sup> 029606
--



MADE IN FRANCE	50 / 60 Hz	↕	mm <sup>2</sup>	START MINI	I max	25°C @ 100 %	40°C @ 100 %	TRACTION BATTERIES	SHOWROOM CONNECT	IP	↕	👤			
<b>GYSFLASH 30.12</b>	230V	2,5 m	6	12V	540W	2V	30 A	30 A	30 A	10 > 400 Ah	—	Ø M6	21	25,5 × 10,5 × 23 cm	4.9 kg
<b>GYSFLASH 50.12 FV</b>	85 > 265 V	2,5 m	10	12V	850W	2V	50 A	50 A	40 A	10 > 600 Ah	—	Ø M6	21	30 × 10,5 × 29 cm	6.6 kg
<b>GYSFLASH 100.12</b>	230V	2,5 m 5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 > 1200 Ah	—	Ø M6	21	32 × 10,5 × 29.2 cm	7.4 kg 8.3 kg
<b>GYSFLASH 30.24</b>	230V	2,5 m	6	6V 12V 24V	540 W	2V	30 A 30 A 15 A	30 A 30 A 15 A	30 A 30 A 15 A	10 > 400 Ah 10 > 200 Ah	•	Ø M6	21	25,5 × 10,5 × 23 cm	4.9 kg
<b>GYSFLASH 50.24</b>	230V	2,5 m 5 m	10 16	6 V 12V 24V	1600W	2V	50 A	50 A 50 A 45 A	45 A 40 A 35 A	10 > 600 Ah	•	Ø M6	21	30 × 10,5 × 29.2 cm	6.6 kg 7.9 kg
<b>GYSFLASH 102.12</b>	230V	5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 > 1200 Ah	—	Ø M6	21	12 × 34,5 × 29,5 cm	9.1 kg



# BSU & CHARGERS

BATTERY SUPPORT UNIT

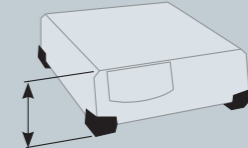
CNT  
Connected  
Technology

**PFC** POWER FACTOR CORRECTION  
185 V ← 265 V

**FV** FLEXIBLE VOLTAGE  
85 V ← 265 V

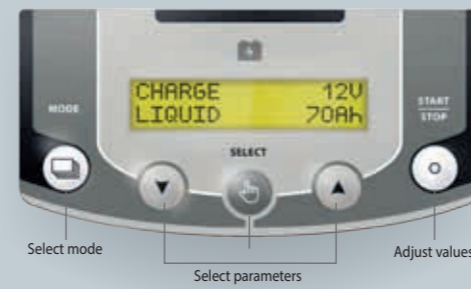
22 languages

- GB RU GR CN simplified
- FR SE CZ CN traditional
- DE DK PL JP
- NL FI SK UA
- ES TR
- PT HR
- IT HU



10.5 cm  
51.12 CNT  
101.12 CNT

13 cm  
121.12 CNT FV  
125.12 CNT FV  
101.24 CNT FV  
51.48 CNT FV



Select mode  
Select parameters  
Adjust values

### 24V OPTION

Use custom configuration tool (detail p.26)



NEW

### GYSFLASH 51.12 CNT FV

50 A

PFC FV SC CNT

2,5 m - 10 mm<sup>2</sup>  
068179



### GYSFLASH 101.12 CNT

100 A

PFC SC CNT

2,5 m - 16 mm<sup>2</sup>  
025790



### 12 V

### GYSFLASH 121.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
026971  
027756  
071605



### GYSFLASH 125.12 CNT FV

120 A 120 A @ 100%

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
028883



### 6 / 12 / 24 V

### GYSFLASH 101.24 CNT FV

100 A

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
025967



### 6 / 12 / 24 / 36 / 48 V

### GYSFLASH 51.48 CNT FV

50 A

PFC FV CNT

5 m - 16 mm<sup>2</sup>  
072015



SC

SMART COOLING TECHNOLOGY

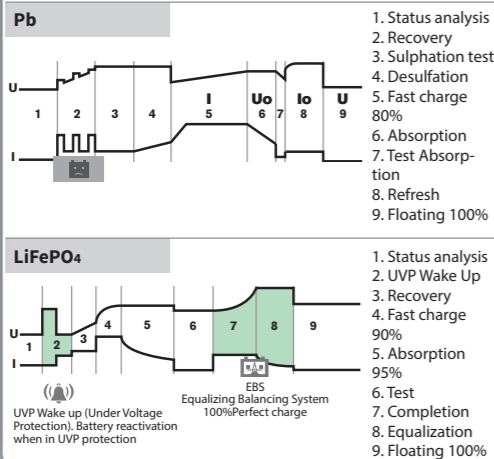
100% DUST PROOF



SILENT



### SMART 9 STEP



### CHARGE

#### Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+

#### Pb TRACTION

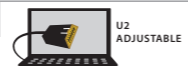
- ✓ GEL
- ✓ LIQUID

#### LITHIUM READY

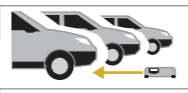
- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+

### BSU

#### DIAG +



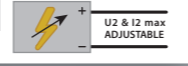
#### SHOWROOM



#### CHANGE BATTERY



#### POWER SUPPLY



### TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

### STARTER

- ✓ START

### CNT

Connected Modules & Technology p.26



MADE IN FRANCE

	50 / 60 Hz	L	mm <sup>2</sup>	START MINI	I max	25°C @100%	40°C @100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	↑	⚖️			
<b>GYSFLASH 51.12 CNT FV</b>	85 > 265 V	2,5 m	10	12V / 24V	850 W	1V	50 A / 25 A	50 A / 25 A	40 A / 20 A	10 · 600 Ah / 10 · 300 Ah	•	Ø M6	41	30 × 10,5 × 29 cm	6.8 kg
<b>GYSFLASH 101.12 CNT</b>	230 V	2,5 m / 5 m	16	12V	1600 W	1V	100 A	75 A	66 A	20 · 1200 Ah	•	Ø M6	21	32 × 10,5 × 29,2 cm	7.5 kg / 8.3 kg
<b>GYSFLASH 121.12 CNT FV</b>	85 > 265 V	5 m	25	12V	2000 W	1V	110 V : 100 A / 230 V : 120 A	75 A / 110 A	55 A / 90 A	20 · 1200 Ah	•	Ø M6	20	31 × 13 × 26 cm	10.4 kg
<b>GYSFLASH 125.12 CNT FV</b>	85 > 265 V	5 m	25	12V	2000 W	1V	110 V : 100 A / 230 V : 120 A	100 A / 120 A	77 A / 116 A	20 · 1200 Ah	•	Ø M6	40	31 × 13 × 26 cm	10.9 kg
<b>GYSFLASH 101.24 CNT FV</b>	85 > 265 V	5 m	25	6/12V / 24V	3200 W	1V	110 V : 100 A / 230 V : 100 A / 110 V : 50 A / 230 V : 100 A	72 A / 89 A / 50 A / 76 A	47 A / 68 A / 35 A / 59 A	20 · 1200 Ah	•	Ø M6	20	31 × 13 × 26 cm	10.6 kg
<b>GYSFLASH 51.48 CNT FV</b>	85 > 265 V	5 m	16	6/12/24V / 36/48V	3200 W	1V	110 V : 50 A / 230 V : 50 A / 110 V : 25 A / 230 V : 50 A	50 A / 50 A / 26 A / 48 A	28 A / 41 A / 20 A / 37 A	10 · 600 Ah	•	Ø M6	20	31 × 13 × 26 cm	8.9 kg



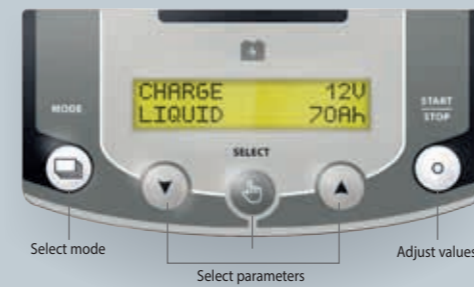
# BSU & CHARGERS

BATTERY SUPPORT UNIT

**CNT**  
Connected  
Technology

**PFC** POWER FACTOR CORRECTION  
185 V ← 265 V

**FV** FLEXIBLE VOLTAGE  
85 V ← 265 V



22 languages

- GB RU GR CN simplified
- FR SE CZ CN traditional
- DE DK PL JP
- NL FI SK UA
- ES TR UA
- PT HR UA
- IT HU

## TRACTION



**NEW**



12 V



GYSFLASH 123.12 CNT FV

120 A

PFC FV CNT  
5 m - 25 mm<sup>2</sup>  
025677



6 / 12 / 24 V

GYSFLASH 103.24 CNT FV

100 A

PFC FV CNT  
5 m - 25 mm<sup>2</sup>  
025684



6 / 12 / 24 / 36 / 48 V

GYSFLASH 53.48 CNT FV

50 A

PFC FV CNT  
5 m - 16 mm<sup>2</sup>  
025998



GYSFLASH 103.12 CNT

100 A

PFC SC  
5 m - 16 mm<sup>2</sup>  
072008



SC

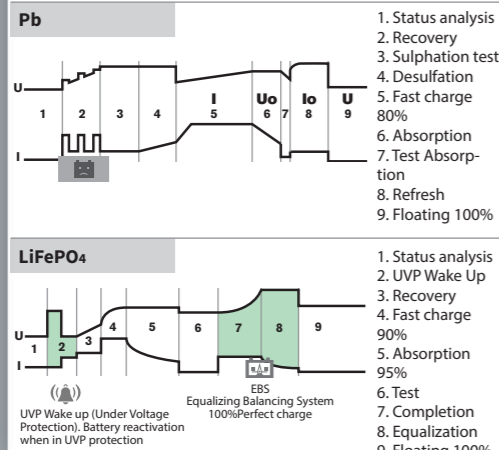
SMART COOLING TECHNOLOGY

100% DUST PROOF



SILENT

### SMART 9 STEP



### CHARGE

- Pb AUTOMOTIVE**
- ✓ GEL
  - ✓ AGM
  - ✓ LIQUID
  - ✓ EASY
  - ✓ EXPERT
  - ✓ NORMAL
  - ✓ BOOST
  - ✓ RECOVERY+
- Pb TRACTION**
- ✓ GEL
  - ✓ LIQUID
- LITHIUM READY**
- ✓ LFP/LiFePO<sub>4</sub>
  - ✓ LI-ION STD
  - ✓ LFP CELL+
  - ✓ LI-ION CELL+

### BSU

- DIAG +**
- U2 ADJUSTABLE
- SHOWROOM**
- CHANGE BATTERY**
- POWER SUPPLY**
- U2 & I2 max ADJUSTABLE
- TEST**
- ✓ VOLTAGE
  - ✓ START UP
  - ✓ ALTERNATOR
- STARTER**
- ✓ START

### CNT

- Connected Modules & Technology p.26
- 

MADE IN FRANCE

	50 / 60 Hz	5 m	16	12V	1600W	1V	I <sub>max</sub>	25°C @100%	40°C @100%	20 · 1200Ah	TRACTION BATTERIES	SHOWROOM CONNECT	IP	34 × 25 × 29.5 cm	9.1 kg
<b>GYSFLASH 103.12 CNT</b>	230V	5 m	16	12V	1600W	1V	100 A	75 A	66 A	20 · 1200Ah	—	Ø M6	21	12 × 34.5 × 29.5 cm	9.1 kg
<b>GYSFLASH 123.12 CNT FV</b>	85 > 265 V	5 m	25	12V	2000W	1V	110 V : 100 A 230 V : 120 A	100 A	85 A	20 · 1200Ah	•	Ø M6	30	34 × 25 × 15 cm	11 kg
<b>GYSFLASH 103.24 CNT FV</b>	85 > 265 V	5 m	25	6/12V 24V	3200W	1V	110 V : 100 A 230 V : 100 A	100 A 100 A	68 A 79 A	20 · 1200Ah	•	Ø M6	30	34 × 25 × 15 cm	11 kg
<b>GYSFLASH 53.48 CNT FV</b>	85 > 265 V	5 m	16	6/12/24V 36/48V	3200W	1V	110 V : 50 A 230 V : 50 A	50 A 50 A	28 A 41 A	10 · 600Ah	•	Ø M6	30	34 × 25 × 15 cm	9.5 kg



# BSU & CHARGERS

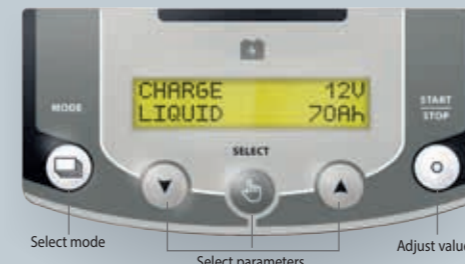
BATTERY SUPPORT UNIT

CNT  
Connected  
Technology

**PFC** POWER FACTOR CORRECTION  
185 V ← 265 V

**FV** FLEXIBLE VOLTAGE  
85 V ← 265 V  
GYSFLASH 128.12 CNT FV

**FV** FLEXIBLE VOLTAGE  
320V ← 520V  
GYSFLASH 158.12 CNT FV



22 languages  
GB ES SE HR PL CN simplified  
FR PT DK GR SK CN traditional  
DE IT FI CZ UA JP  
NL RU TR HU

## INDUSTRY / PRODUCTION



**NEW**

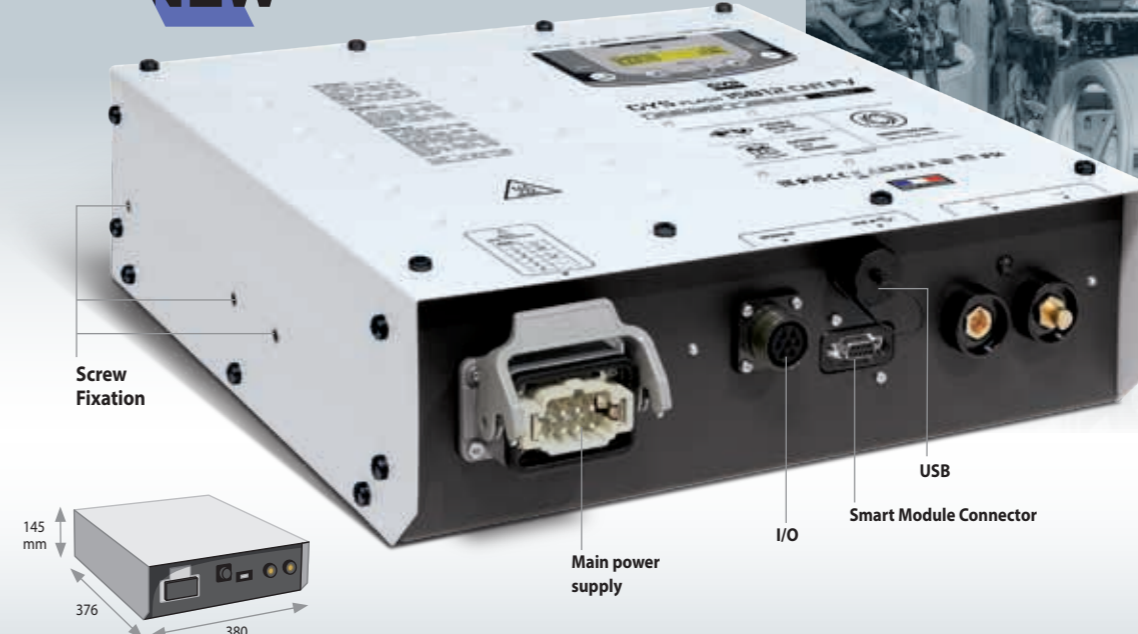
IP 54

DUST & SPLASH PROTECTION

NATURAL CONVECTION



**NEW**



12 V

GYSFLASH 148.12 CNT FV

140 A

1 ~

PFC FV CNT  
5 m - 25 mm<sup>2</sup>  
069916



GYSFLASH 158.12 CNT FV

150 A

3 ~

FV CNT  
5 m - 25 mm<sup>2</sup>  
069909



SC

SMART COOLING TECHNOLOGY

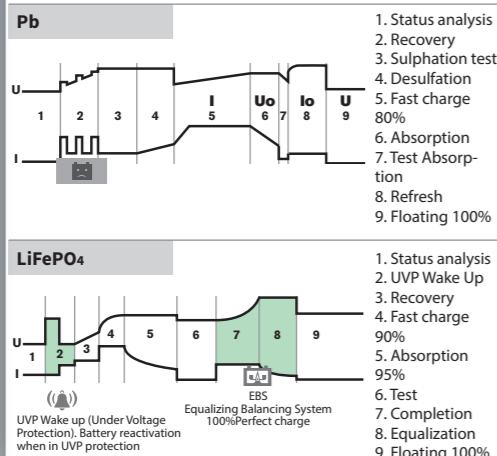
100% DUST PROOF



SILENT



SMART 9 STEP



CHARGE (150 CURVES CAPACITY)

**Pb AUTOMOTIVE**  
✓ GEL ✓ NORMAL  
✓ AGM ✓ BOOST  
✓ LIQUID ✓ RECOVERY+  
✓ EASY  
✓ EXPERT

**Pb TRACTION**

✓ GEL  
✓ LIQUID

**LITHIUM READY**

✓ LFP/LiFePO<sub>4</sub>  
✓ LI-ION STD  
✓ LFP CELL+  
✓ LI-ION CELL+

BSU (15 CURVES CAPACITY)

DIAG +  
U2 ADJUSTABLE

POWER SUPPLY  
U2 & I2 max ADJUSTABLE

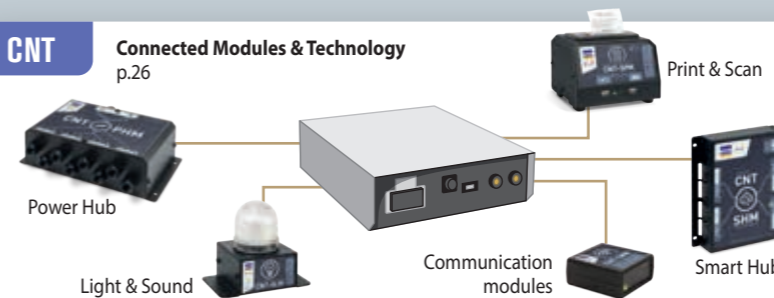
TEST

✓ VOLTAGE  
✓ START UP  
✓ ALTERNATOR

STARTER

✓ START

CNT Connected Modules & Technology p.26



I/O PLC connection



MADE IN FRANCE

	50/60 Hz	L	mm <sup>2</sup>		START MINI	I max	25°C @ 100%	40°C @ 100%	60°C @ 100%		TRACTION BATTERIES	SHOWROOM CONNECT	IP			
GYSFLASH 148.12 CNT FV	85 > 265V	2,5 m	25	12V	2000W	1V	140 A	NC	NC	NC	20 > 1200 Ah	•	Ø M6	54	376 × 145 × 296 mm	NC
GYSFLASH 158.12 CNT FV	320 > 520V	2,5 m	25	12V	2500W	1V	150 A	120 A	115 A	100 A	20 > 1800Ah	•	Ø M6	54	376 × 145 × 380 mm	13.3 kg



CNT Connected Technology

# TECHNOLOGY

GYFLASH CONFIGURATION



YouTube

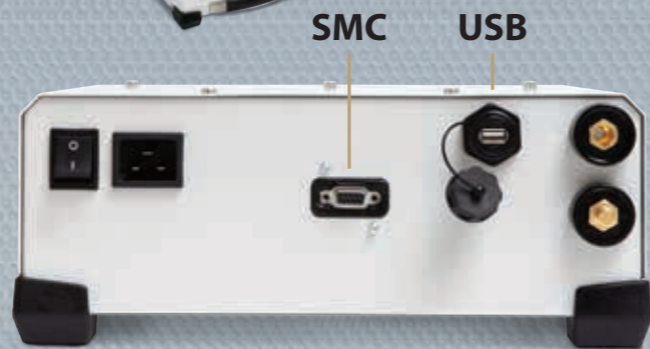
PLAYLIST CNT TECHNOLOGY

USB key 16 Gb 062344



SPECIAL PROJECTS

Contact us for special projects.  
Quick Customization:  
Modes, Curves, parameters...



## SOFTWARE UPDATE

## LIFETIME EVOLUTION



UPDATE GYSFLASH EVOLUTIONS



## CHARGING CURVE

## PRODUCT CONFIGURATION (CONFIG CURVE / LOGISTIC / CHARGING CURVE)

CNT MANAGER  
• GYSFLASH parameters  
• Custom curves  
• Multi products management  
• Import/export configurations  
...

gys.fr



UPDATE CUSTOM CONFIGURATION



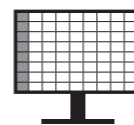
## TRACEABILITY



EXPORT DATA CAPABILITIES

### DATA

- Start date
- Curve name
- Rated voltage
- Battery capacity
- Initial battery state
- Charge duration
- Total duration
- Final battery state
- Identification
- and more ...



CNT Connected Technology

# ACCESSORIES

UNIT MODULES

COMING SOON LoRa Sigfox CAN BUS and More...

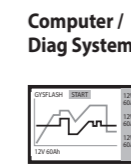
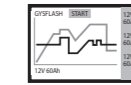


## SMART COMMUNICATION

## INCLUDED

CNT-SUM  
Smart USB Module  
025974

- USB micro A
- 69 x 68 x 29 mm / 85g

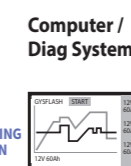
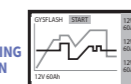


SMC Cable  
1 m  
056596

NEW 09 2022

CNT-SWM  
Smart Wireless Module  
070837

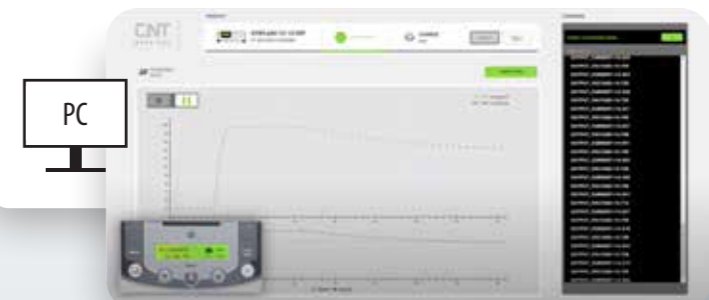
- Bluetooth
- Wifi
- 69 x 68 x 29 mm / 85g



SMC Cable  
1 m  
056596



COMING SOON CNT-SCM Smart Can Module



## LIGHT & SOUND

## INCLUDED

CNT-SLM  
Smart Light Module  
027978

- Pb charge
- Lithium charge
- OK
- Error
- 65dB

126 x 146 x 93 mm / 560g

SMC Cable  
1 m  
056596



Scratch fixation



## PRINT & SCAN

## INCLUDED

CNT-SPM  
Smart Printer Module  
026919

140 x 105 x 133 mm / 1.4 kg

- CRITAIR
- Customer data
- Battery data
- Charge data



SMC Cable  
1 m  
056596

Standard roller x2  
57mm x 7.5 m, Ø 25 mm  
056633

## OPTIONS

Support Barcode scanner  
025745

USB Barcode scanner  
1D/2D  
027718

USB Keyboard

AZERTY 027725  
QWERTY 027770

QWERTZ compatibility



Magnetic fixation



### SMC CABLE

1 m 056596  
3 m 025691



### SMART HUB MODULE

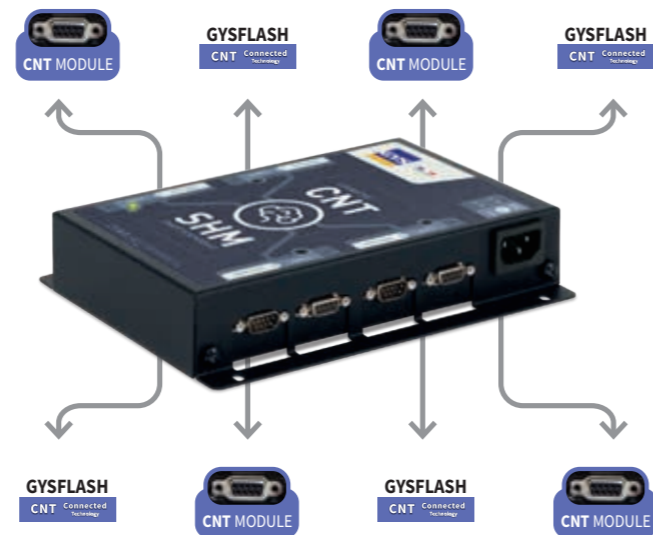
**CNT-SHM**  
Smart Hub Module  
025981

↳ 220 × 180 × 45 mm / 1 kg

### INCLUDED

SMC Cable  
1 m 056596

UP TO 4 MODULES + 4 GYSFLASH



### POWER HUB MODULE

**CNT-PHM**  
Power Hub Module  
056589

↳ 317 × 245 × 90 mm / 2.7 kg

4 GYSFLASH IN  
Ø Cables: 10 → 25 mm<sup>2</sup>



**INCLUDED**  
M6 KIT

OUT Ø Cables: 25 → 70 mm<sup>2</sup>

### EXTREME MODULARITY

#### SINGLE MODULE



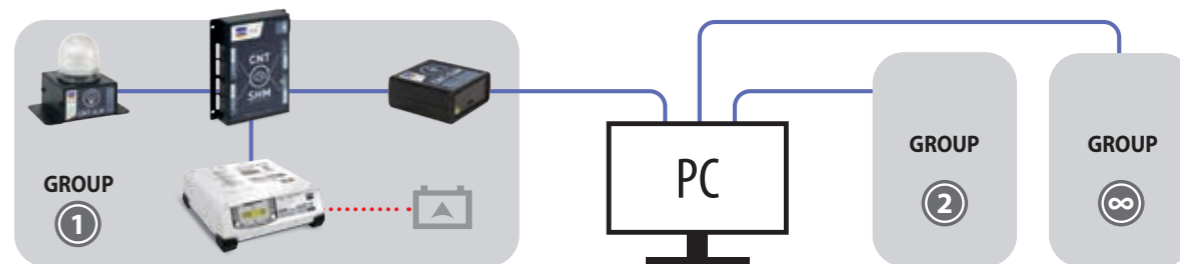
#### ADVANCED



#### MULTI MODULES

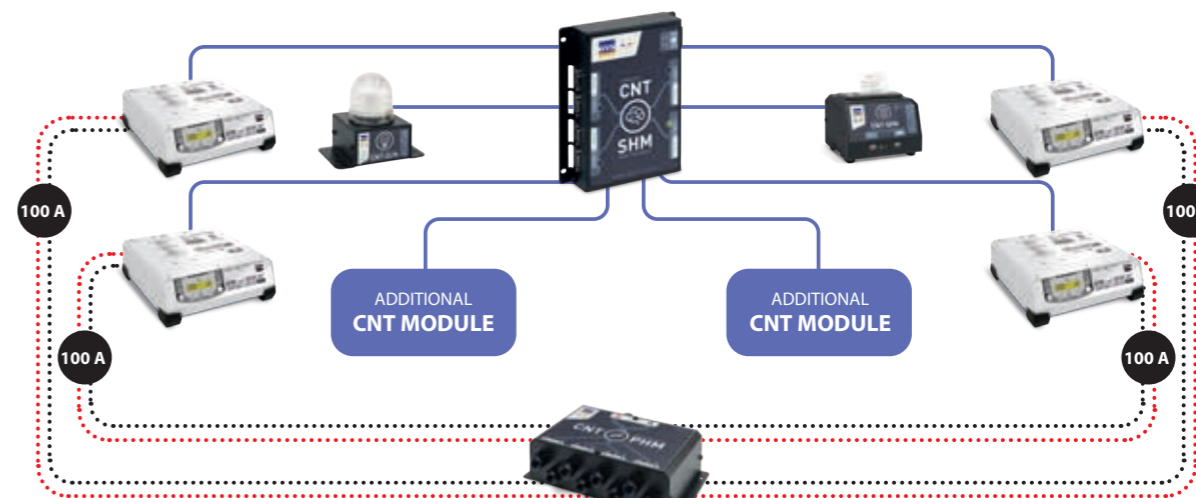


#### MULTI MODULES GROUPS



#### PARALLEL CHARGING

EXAMPLE : GYSFLASH 101.12 CNT (X4)





# STANDARD ACCESSORIES



## ANDERSON CABLES

for GYSFLASH	Anderson/Clamps 2.5 m - 16 mm <sup>2</sup> 056503 5 m - 16 mm <sup>2</sup> 054615 8 m - 16 mm <sup>2</sup> 056572	Anderson/NATO 2.5 m - 16 mm <sup>2</sup> 026810 	Anderson<->Rema 160 A 5 m - 16 mm <sup>2</sup> 069091	Anderson<->Anderson 175 A 5 m - 16 mm <sup>2</sup> 069107	Anderson<->Texas 0.2 m - 16 mm <sup>2</sup> 055902 1 m - 16 mm <sup>2</sup> 028791
30.12 / 50.12 100.12 / 101.12 102.12 / 32-12 PL	✓	✓	—	—	✓
30.24 / 50.24	✓	✓	✓	✓	✓
53.48	✓	✓	✓	✓	—



## TEXAS CABLES

for GYSFLASH	Texas/Clamps 2.5 m - 25 mm <sup>2</sup> 028876 5 m - 25 mm <sup>2</sup> 027886	Texas/Rema 160 A 5 m - 16 mm <sup>2</sup> 025714	Texas/Anderson 175 A 5 m - 25 mm <sup>2</sup> 025721	Texas/NATO 5 m - 25 mm <sup>2</sup> 025707 10 m - 25 mm <sup>2</sup> 056626 
101.24 / 121.12 123.12 / 103.24 125.12	✓	✓	✓	✓

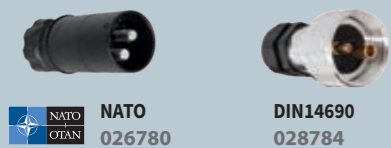
**NEW**

## PARALLEL CABLES KIT

072954

= Anderson/Cable lugs M6 x2 16 mm<sup>2</sup> 1 m + Cable lugs/Cable lugs M6 x2 (1 red + 1 black) 35 mm<sup>2</sup> 5 m + Texas/Cable lugs M6 x2 25 mm<sup>2</sup> 1 m + M6 KIT Ø16 (x4) Ø25 (x4) Ø35 (x4) + SMC Cable - 1 m

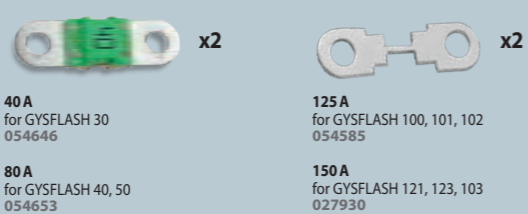
## CONNECTORS



NATO 026780

DIN14690 028784

## INTERNAL FUSES



40 A for GYSFLASH 30 054646

80 A for GYSFLASH 40, 50 054653

125 A for GYSFLASH 100, 101, 102 054585

150 A for GYSFLASH 121, 123, 103 027930

## EXTERNAL FUSES



6.3 A GYSFLASH 30 054578

10 A GYSFLASH 40, 50, 100, 101, 102 056527

## SUPPORTS

Tablette - Wall support  
Wandhalterung 055513



Valise de chantier  
Heavy-duty case  
Hartschalenkoffer 060432



Fixation



INCLUDED

Magnetfix 50 029637



OPTION

for GYSFLASH 32.12 PL 102.12 123.12 103.24 15.24 XTREM 53.48

## CONFIGURATION (Chariot - Trolley - Fahrwagen)



▲▲▲ VERTICAL ▲▲▲  
ALL GYSFLASH - COMPATIBILITY -  
▼▼▼ HORIZONTAL ▼▼▼

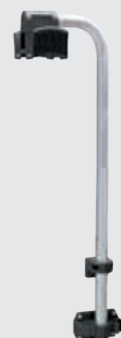
Chariot - Trolley  
Fahrwagen 028890



SLM/SPM support 028906



Cable support 052284



## GYSFLASH CNT PACKS

	101.12 CNT	121.12 CNT	CNT-SPM + roller + support	Barcode Scanner + support	Trolley	CNT SLM	CNT SHM	CNT PHM	Parallel cables kit
pack GYSFLASH CNT 1 068117	✓	—	✓	✓	✓	—	—	—	—
pack GYSFLASH CNT 2 068124	✓	—	✓	✓	✓	—	—	—	—
pack GYSFLASH CNT 3 068131	—	✓	✓	✓	✓	—	—	—	—
pack GYSFLASH CNT 4 068148	—	✓	✓	✓	✓	—	—	—	—
<b>NEW</b> pack GYSFLASH CNT 5 072978	✓ x2	—	✓	✓	✓	✓	✓	✓	✓
<b>NEW</b> pack GYSFLASH CNT 6 074972	✓ x2	—	✓	✓	✓	✓	✓	✓	✓
<b>NEW</b> pack Parallel Charging 072961	—	—	—	—	—	—	✓	✓	✓





# CHARGERS

## ARTIC

IP 65

WATER PROTECTION  
ARTIC 1500, 4000 & 8000

CHARGERS ONLY



### SSM

Mémorisation des réglages.  
Redémarrage automatique en cas de coupure électrique.

Save and load settings.  
Automatic restart in case of power cut.

Einstellungsspeicherung.  
Automatisches Starten nach einem Netzausfall.

### START STOP

Start/stop Engine :  
Compatible véhicules Start/Stop.  
Compatible with Start/Stop vehicles.

Geeignet für START-STOP-Fahrzeuge.

### Cold Charge

Mode "Cold charge":  
optimisation des performances en cas de temps froid ou de gel.

"Cold charge" mode:  
performance-enhancing charging mode for cold or freezing weather conditions.

-Cold Charge-Modus:  
Leistungsoptimierung bei kaltem Wetter oder bei Frost.



## AUTOMATIC SMART HF INVERTER

REGULATED  
I<sub>VOU</sub>  
FAST CHARGE

**ARTIC 800**  
**12V 0.8A** GO > 7V  
SSM  
029569  
029682



**ARTIC 1500**  
**12V 1.5A** GO > 7V  
SSM  
029576  
029699



**ARTIC 4000**  
**6/12V 4/1-4A** GO > 2V (6V)  
GO > 7V (12V)  
SSM START STOP Cold Charge  
029583  
029705



**ARTIC 8000**  
**2/8A** 12V GO > 7V  
SSM START STOP Cold Charge  
029590  
029712



## ENERGY

PATENTS REGISTERED NUMBERS  
001652090-0001  
EUROPEAN TRADEMARK & DESIGN



## 12V • TRADITIONAL W

**ENERGY 124**  
**3A**  
SSM  
023215  
025141



**ENERGY 126**  
**4A**  
SSM  
023222  
025165



Fuse X10  
10A 054530  
15A 054493

## TCB

PATENTS REGISTERED NUMBERS  
001652090-0001  
EUROPEAN TRADEMARK & DESIGN



2 IN 1

CHARGE



TEST

## 12V • AUTOMATIC WU

**TCB 60**  
**2/4A** GO > 3.5V  
SSM START STOP  
023253  
025189



**TCB 90**  
**2/5.5A** GO > 3.5V  
SSM START STOP  
023260  
025202



**TCB 120**  
**3.5/7A** GO > 3.5V  
SSM START STOP  
023284  
025240



### INCLUDED

all ARTIC

Ceillets /  
Eyelets /  
Ösen  
30 cm  
026872

Pinces /  
Clamps /  
Klemmen  
35 cm  
026865



	50/60 Hz	Power	CHARGE			Reg	Polarity protection	Cold Charge	SSM	Full security	Start/Stop engine	Fuse	CHARGER + TESTER	CONTROL	Dimensions	Weight
			Voltage	Current	Efficiency											
ARTIC 800	100-240V	15W	12V	0,8 A	—	•	—	•	—	—	—	—	—	13 × 6,5 × 3,8 cm	430 g	
ARTIC 1500	220-240V	27W	12V	1,5 A	—	•	—	•	—	—	—	—	—	15,2 × 7 × 4 cm	500 g	
ARTIC 4000	220-240V	75W	6V	4 A	—	2	•	•	•	•	—	OK	—	19,3 × 8 × 5,2 cm	780 g	
			12V	1A / 4A												
ARTIC 8000	220-240V	130W	12V	2/8 A	—	2	•	•	•	•	—	OK	—	22 × 9,6 × 5,9 cm	1130 g	
ENERGY 124	220-240V	70W	12V	3 A	4,5 A	—	—	•	—	—	10A	—	—	11,5 × 16 × 22 cm	1900 g	
ENERGY 126	220-240V	90W	12V	4 A	6 A	—	—	•	—	—	10A	—	—	11,5 × 16 × 22 cm	2000 g	
TCB 60 automatic	220-240V	85W	12V	2-4 A	6 A	2	•	—	•	—	10A	OK	OK	12 × 17 × 29 cm	2500 g	
TCB 90 automatic	220-240V	120W	12V	2-5,5 A	8 A	2	•	—	•	—	15A	OK	OK	12 × 17 × 29 cm	3200 g	
TCB 120 automatic	220-240V	150W	12V	3,5-7 A	10,5 A	2	•	—	•	—	15A	OK	OK	12 × 17 × 29 cm	3200 g	

RECOMMENDATION	6V			12V			24V			6V											
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	Icons for various vehicles							
Maintenance																					
ARTIC 800				1,6 • 25 Ah			1,6 Ah •														
ARTIC 1500							3 Ah •														
ARTIC 4000							2 Ah •														
ARTIC 8000							4 Ah •														
ENERGY 124							10 • 45 Ah														
ENERGY 126							15 • 60 Ah														
TCB 60							10 Ah •														
TCB 90							15 • 90 Ah														
TCB 120							20 • 120 Ah														



CT

# CHARGERS



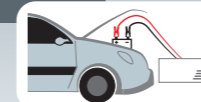
**CT 160**  
**9 A**  
 SSM  
 1.5 m - 1.5 mm<sup>2</sup> → 40 A  
 024106  
 025325



**CT 210**  
**12 A**  
 SSM  
 1.5 m - 2.5 mm<sup>2</sup> → 40 A  
 024113  
 025349

12/24 V • MANUAL W

CA



Protection for on-board electronics



**CA 150**  
**10 A**  
 SSM  
 1.5 m - 2.5 mm<sup>2</sup> → 40 A  
 024434



**CA 360**  
**25 A**  
 SSM  
 2 m - 6 mm<sup>2</sup> → 60 A  
 023185

12/24 V • AUTOMATIC W2

## MULTICHARGE



6 charging speeds

**MULTICHARGE CT 48**  
**32 A**  
 SSM  
 026087

12/24/36/48 V • MANUAL W

## WATTMATIC



Protection for on-board electronics



**WATTMATIC 100**  
**5 A** GO > 3.5 V  
 SSM START STOP  
 024823  
 025417  
 1.5 m - 1.5 mm<sup>2</sup> → 40 A



**WATTMATIC 140**  
**9 A** GO > 3.5 V  
 SSM START STOP  
 025608  
 025622  
 1.5 m - 2.5 mm<sup>2</sup> → 40 A



**WATTMATIC 170**  
**10 A** GO > 3.5 V  
 SSM START STOP  
 025615  
 025639  
 1.8 m - 2.5 mm<sup>2</sup> → 40 A

6/12 V • AUTOMATIC WUoU



Fuse x10

10A WATTMATIC 100 054530

15A CT 160, WATTMATIC 140 054493

20A CT 210, WATTMATIC 150 & 170 054509

25A CA 150, WATTMATIC 180 054516

40A CT 48 054646

50A CA 360 054622

	Input	Output	Power	CHARGE				Eff. / RMS	Reg	Fuse	Dimensions	Weight
				Moyen / Average (EN 60335)			Reg					
				Reg 1	Reg 2	Reg 3						
<b>CT 160</b>	230V, 50/60 Hz	12V/24V	190 W	12V > 7 A 24V > 3 A	9 A (boost) 5 A (boost)	—	13,5 A 7,5 A	2	15 A	20,5 × 30 × 13,5 cm	3,9 kg	
<b>CT 210</b>	230V, 50/60 Hz	12V/24V	260 W	12V > 8 A 24V > 4 A	12 A (boost) 6 A (boost)	—	18 A 9 A	2	20 A	22,5 × 33,5 × 14,5 cm	5,2 kg	
<b>MULTICHARGE CT 48</b>	230V, 50/60 Hz	12/24/36/48V	1200 W	12V > 20,8 A 24V > 20,1 A 36V > 19,6 A 48V > 15,5 A	32,4 A 31,8 A 30,4 A (boost) 18,7 A (24,3 A boost)	—	31 A 29 A 29 A 28 A	6	40 A	32,5 × 39,5 × 20,5 cm	15,5 kg	
<b>CA 150</b>	230V, 50/60 Hz	12/24V	500 W	8 A	10 A (boost)	—	18 A	2	25 A	33 × 26 × 14 cm	6 kg	
<b>CA 360</b>	230V, 50/60 Hz	12/24V	920 W	7 A	15 A (boost1)	25 A (boost2)	37 A	3	50 A	44 × 31 × 23 cm	14 kg	
<b>WATTMATIC 100</b>	230V, 50 Hz	6/12V	170 W	3 A	5 A	—	11,4 A	2	10 A	24 × 26 × 13 cm	3,8 kg	
<b>WATTMATIC 140</b>	230V, 50 Hz	6/12V	230 W	5 A	9 A (boost)	—	16,5 A	2	15 A	36 × 22 × 14 cm	4,8 kg	
<b>WATTMATIC 170</b>	230V, 50 Hz	6/12V	280 W	6,5 A	10 A (boost)	—	18,8 A	2	20 A	36 × 22 × 14 cm	5 kg	

RECOMMENDATION	6V												12V												24V													
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah
<b>CT 160</b>																																						
<b>CT 210</b>																																						
<b>MULTICHARGE CT 48</b>																																						
<b>CA 150</b>																																						
<b>CA 360</b>																																						
<b>WATTMATIC 100</b>																																						
<b>WATTMATIC 140</b>																																						
<b>WATTMATIC 170</b>																																						



BATIUM



SELF START MEMORY



AUTO DETECT

BATTERY VOLTAGE DETECTION

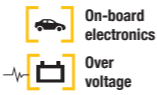


ALL BATTERIES



Microprocessor Control

FULL PROTECTION



YouTube

PLAYLIST BATIUM

# CHARGERS

## AUTOMATIC, SMART & FAST



**BATIUM 7.12**  
**7 A** GO > 2 V  
 SSM START STOP V AUTO DETECT

1.5 m - 1.5 mm<sup>2</sup> → 40 A

024496

024557



**BATIUM 15.12**  
**15 A** GO > 0.5V  
 SSM START STOP V AUTO DETECT  
 SOS RECOVERY

1.5 m - 2.5 mm<sup>2</sup> → 40 A

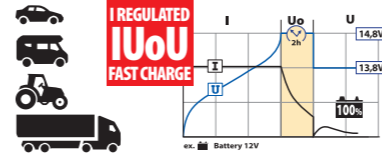
024519

024632

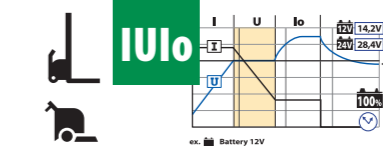


6/12V IUoU

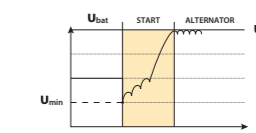
I REGULATED FAST CHARGE



TRACTION BATTERIES CHARGE



TEST



**BATIUM 25.24 X**  
**25 A** GO > 0.5V  
 SSM START STOP V AUTO DETECT  
 SOS RECOVERY

2 m - 6 mm<sup>2</sup> → 60 A

024830

6/12/24V



IUoU

Specific charge Traction batteries



**BATIUM 7.24**  
**7 A** GO > 2 V  
 SSM START STOP V AUTO DETECT

1.5 m - 1.5 mm<sup>2</sup> → 40 A

024502

024625



**BATIUM 15.24**  
**15 A** GO > 0.5V  
 SSM START STOP V AUTO DETECT  
 SOS RECOVERY

1.5 m - 2.5 mm<sup>2</sup> → 40 A

024526

024588



6/12/24V IUoU



Fuse x10

15A BATIUM 7/12 & 7/24 054493

30A BATIUM 15/12 & 15/24 054523



	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
BATIUM 7/12	•	•														
BATIUM 7/24			•													
BATIUM 15/12																
BATIUM 15/24																
BATIUM 25/24 X																

	MADE IN FRANCE	50/60 Hz	Reg	Efficace / RMS	CHARGE				Fuse	SOS RECOVERY				
					Moyen / Average (EN 60335)									
					Reg 1	Reg 2	Reg 3	boost						
BATIUM 7.12		230V	105W	6/12V	2	11A	3A	—	7A	15A	21×34×13 cm	4.6 kg	—	
BATIUM 15.12		230V	225W	6/12V	3	22A	7A	10A	—	15A	30A	21×36×14 cm	5.6 kg	•
BATIUM 7.24		230V	210W	6/12/24V	2	11A	3A	—	7A	15A	21×34×13 cm	5.4 kg	—	
BATIUM 15.24		230V	450W	6/12/24V	3	22A	7A	10A	—	15A	30A	21×36×14 cm	7.1 kg	•
BATIUM 25.24X		230V	1150W	6/12/24V	3	37A	7A	15A	25A	—	—	28×42×23 cm	13.4 kg	•





# CHARGERS & STARTERS

3 in 1

- AUTOMATIC CHARGE**  
= BATTERY
- AUTOMATIC START**
- TEST ALTERNATOR**

TIMER

UNIVERSAL MODE AUTO SELECTION

SULFATED BATTERIES

ALL BATTERIES

GO >1V

FULL PROTECTION

- On-board electronics
- Over voltage
- No sparks



+

BSU Battery Support Unit



POWER SUPPLY  
DIAG+ 60A  
Voltage adjustable  
12 V - 15 V



35/50 mm²



12/24V • AUTOMATIC IWUoU

12V • AUTOMATIC IWUoU + BSU • 12/24V

**STARTIUM 330E**  
**25 A**  
1,9 m - 10 mm² → 500 A  
026469

**STARTIUM 480E**  
**40 A**  
1,9 m - 16 mm² → 600 A  
026483  
☎: 025578

**STARTIUM 680E**  
**45 A**  
2,2 m - 25 mm² → 600 A  
026490  
☎: 025585

**STARTIUM 980E**  
**50 A**  
2,5 m - 35 mm² → 600 A  
026506

**DIAG STARTIUM 60-12**  
**60 A**  
2,2 m - 25 mm² → 600 A  
026513

**DIAG STARTIUM 60-24**  
**60 A**  
2,2 m - 25 mm² → 600 A  
026520  
☎: 025592

MADE IN FRANCE	I <sub>1</sub>	CHARGE kW	START kW	CHARGE				START			BSU	FUSE	CCA I (EN) START						
				min > max	Efficace / RMS	Moyen / Average (EN 60335)	Reg	Boost	Automatic	1V/C				0V/C	AUTO START				
<b>STARTIUM 330E</b>	230V	16 A	0,8	6,5	12V	20 > 370 Ah	40 A	25 A	4	—	•	12V	165 A	270 A	—	100 A	43 × 26 × 26 cm	16,3 kg	500 A
					24V	20 > 300 Ah						24V	130 A	210 A					
<b>STARTIUM 480E</b>	230V	16 A	1,7	9	12V	20 > 600 Ah	65 A	30 A	4	40 A	•	12V	280 A	390 A	•	200 A	31 × 48 × 80 cm	28,6 kg	750 A
					24V	20 > 450 Ah						24V	210 A	290 A					
<b>STARTIUM 680E</b>	230V	16 A	2	10	12V	20 > 675 Ah	75 A	30 A	4	45 A	•	12V	380 A	550 A	•	200 A	31 × 48 × 80 cm	31 kg	900 A
					24V	20 > 525 Ah						24V	270 A	380 A					
<b>STARTIUM 980E</b>	230V	16 A	2	12	12V	20 > 750 Ah	80 A	40 A	4	50 A	•	12V	500 A	720 A	•	250 A	31 × 48 × 80 cm	36 kg	1400 A
					24V	20 > 525 Ah						24V	400 A	560 A					
<b>DIAG STARTIUM 60-12</b>	230V	16 A	2	10	12V	20 > 900 Ah	95 A	60 A	4	—	•	12V	310 A	440 A	•	200 A	48 × 35 × 90 cm	36 kg	900 A
					6V	20 > 900 Ah						6V	—	—					
<b>DIAG STARTIUM 60-24</b>	230V	16 A	2	10	12V	20 > 900 Ah	95 A	60 A	4	—	•	12V	300 A	430 A	•	200 A	48 × 35 × 90 cm	36 kg	900 A
					24V	20 > 525 Ah						24V	280 A	410 A					
					6V	20 > 900 Ah						6V	—	—					

Fuse ×2	100 A Startium 330E 054394			200 A Startium 480E, 680E, Diag. 60-12, 60-24 054547			250 A Startium 980E 055568												
	6V	12V	24V	6V	12V	24V	6V	12V	24V										
<b>STARTIUM 330E</b>										40 > 80 Ah	80 > 120 Ah								
<b>STARTIUM 480E</b>											40 > 120 Ah	120 > 160 Ah							
<b>STARTIUM 680E</b>												50 > 180 Ah	180 > 200 Ah						
<b>STARTIUM 980E</b>													50 > 240 Ah						
<b>DIAG STARTIUM 60-12</b>												50 > 180 Ah	180 > 200 Ah						
<b>DIAG STARTIUM 60-24</b>												50 > 180 Ah	180 > 200 Ah						



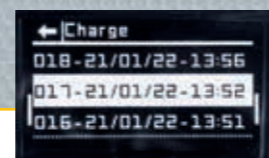
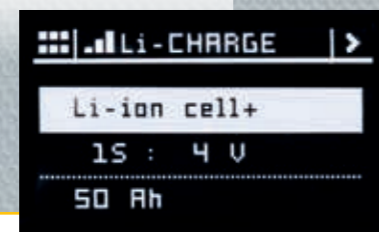
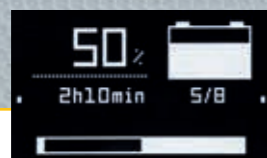
STARTFLASH

# CHARGERS / BSU & STARTERS

CNT Connected Technology

22 languages

- GB RU GR CN simplified
- FR SE CZ CN traditional
- DE DK PL JP
- NL FI SK
- ES TR UA
- PT HR
- IT HU



## 4 in 1

### AUTOMATIC CHARGE

#### Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+

#### Pb TRACTION

- ✓ GEL
- ✓ LIQUID

#### LITHIUM READY

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+

### BSU

#### DIAG +



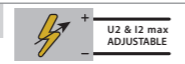
#### SHOWROOM



#### CHANGE BATTERY



#### POWER SUPPLY



### AUTOMATIC STARTER

✓ START

### TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

FULL PROTECTION

- On-board electronics
- Over voltage
- No sparks

UNIVERSAL MODE AUTO SELECTION

SULFATED BATTERIES ALL BATTERIES

GO >1V

PFC POWER FACTOR CORRECTION

185V ← 265V

NEW 06 2022



### 6/12/24V • AUTOMATIC

STARTFLASH 120.24 CNT

## 2 > 300 A

5 m - 35 mm<sup>2</sup> 700 A  
073616

OPTION



Trolley 074965



Texas/Clamps  
2.5 m - 25 mm<sup>2</sup> 028876  
5 m - 25 mm<sup>2</sup> 027886



Texas/Rema 160 A  
5 m - 16 mm<sup>2</sup> 025714



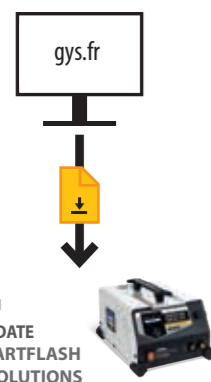
Texas/Anderson 175 A  
5 m - 25 mm<sup>2</sup> 025721



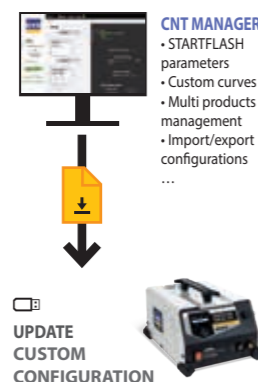
Texas/NATO  
5 m - 25 mm<sup>2</sup> 025707  
10 m - 25 mm<sup>2</sup> 056626

### CNT Connected Technology

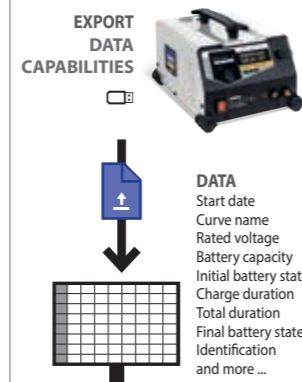
#### SOFTWARE UPDATE



#### CUSTOMIZATION



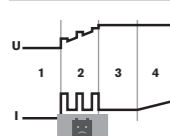
#### TRACEABILITY



Connected Modules & Technology p.22

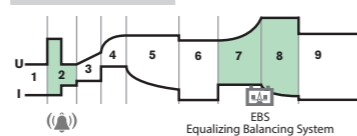
### SMART 9 STEP

#### Pb



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Test Absorption
8. Refresh
9. Floating 100%

#### LiFePO<sub>4</sub>



1. Status analysis
2. UVP Wake Up
3. Recovery
4. Fast charge 90%
5. Absorption 95%
6. Test
7. Completion
8. Equalization
9. Floating 100%



MADE IN FRANCE	50/60 Hz	CHARGE				START			IP	Dimensions	Weight	
		START MINI	I <sub>max</sub>	25°C @ 100%	40°C @ 100%	1V/C	0V/C	AUTO START				
STARTFLASH 120	6V 12V 24V	2V	110V: 100 A 230V: 120 A	75 A	55 A	6V: 300 A 12V: 300 A 24V: 200 A	300 A 300 A 200 A	•	20	32 x 25 x 40,6 cm	13,9 kg	
STARTFLASH 120.24 CNT	85 > 265V	6/12/24V	3500W	2V	110V: 100 A 230V: 120 A	75 A 110 A	55 A 90 A	20 > 1200Ah	•	20	32 x 25 x 40,6 cm	13,9 kg



GYSPACK

# BOOSTERS

Pb/Lead **INSIDE**

**POWER SUPPLY**  
12V DC

**COMPRESSOR**



Air Kit included  
4 bars



12 V 18 Ah **INSIDE** HOBBIES OCCASIONAL PRO INTENSIVE

**GYSPACK 400**  
1 250 A 1V DC 480 A

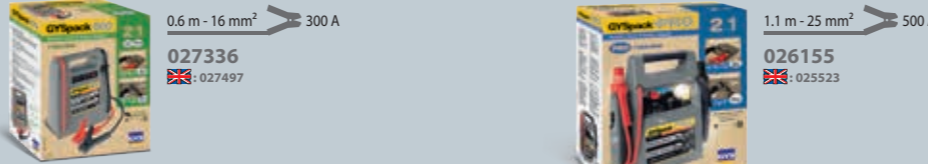


**GYSPACK AIR**  
1 250 A 1V DC 480 A



12 V 22 Ah **INSIDE** HOBBIES OCCASIONAL PRO INTENSIVE

**GYSPACK 600** 1 750 A 1V DC 550 A



**GYSPACK PRO** 1 750 A 1V DC 600 A



6 / 12 V 20 Ah + 20 Ah **INSIDE** HOBBIES OCCASIONAL PRO INTENSIVE

**GYSPACK HERITAGE 6/12**  
6V 3 200 A 1V DC 400 A  
12V 1 600 A 1V DC 450 A

1.8 m - 25 mm<sup>2</sup> 600 A  
025844



**OPTION**  
MEMORY AUTO SAVE  
CABLE OBD 1,5 m  
054202  
Fuse 7,5 A

**CHARGER**  
Power in 110-240 V / out 12 V  
50/60 Hz  
054677  
054660



**CHARGER**  
Power in 110-240 V / out 12 V  
50/60 Hz  
054684  
054691



INCLUDED GYSPACK 400 / AIR / 600 / PRO

INCLUDED GYSPACK Heritage

Model	Capacity	Voltage	1V/C	Cranking CC	Peak Battery	Fuse	AIR	Power Supply	EXTERNAL Charge 230V	TEST OK	Dimensions (cm)	Weight (kg)	230V			
													Inside	Start		
GYSPACK 400	12V-18 Ah	12V	480 A	900 A	1250 A	—	—	12V DC/0,5A	12V DC/1,2A	•	26x10x29 cm	30x18x37 cm	6,5 kg	•	•	
GYSPACK AIR	12V-18 Ah	12V	480 A	900 A	1250 A	•	•	4 bars	12V DC/0,5A	12V DC/1,2A	•	33x17x37 cm	36x20x43 cm	8,7 kg	•	•
GYSPACK 600	12V-22 Ah	12V	550 A	1050 A	1750 A	—	—	—	12V DC	12V DC/1,2A	•	26x10x29 cm	30x18x37 cm	6,5 kg	•	•
GYSPACK PRO	12V-22 Ah	12V	600 A	1100 A	1750 A	•	•	—	12V DC	12V DC/1,2A	•	35x14x37 cm	39x17x45 cm	9 kg	•	•
GYSPACK HERITAGE 6/12	6V-2 x 20 Ah	6V-12V	400 A-450 A	800 A-850 A	3200 A-1600 A	•	•	1 x 300 A	—	12V DC	•	37x20x46 cm	39x22x50 cm	18 kg	•	•

RECOMMENDATION	Capacity															
	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
GYSPACK AUTO / 400	•	•	•													
GYSPACK AIR	•	•	•													
GYSPACK 600	•	•	•													
GYSPACK PRO	•	•	•													
GYSPACK HERITAGE	•	•	•													





GYSPACK

# BOOSTERS

Pb/Lead INSIDE

POWER SUPPLY  
12V DC

FOR GYSPACK 660/750/800/700/900

Fuse x2 200 A 054547 300 A 054561



OPTION MEMORY AUTO SAVE  
CABLE OBD 1,5 m 054202



Fuse 7,5A



SPIRAL TECHNOLOGY



SPIRAL TECHNOLOGY

**NEW**



**EnerSys**  
TPPL TECHNOLOGY  
Thin Plate Pure Lead  
**PREMIUM QUALITY BATTERIES**



12 V **28 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 660

**1 900 A** 1V DC 640 A

1.3 m - 25 mm<sup>2</sup> → 600 A

027862  
027992  
027879



INCLUDED GYSPACK 660

**CHARGER**  
Power in 100-240 V/out 12 V  
50/60 Hz  
027992



**REGULATED IVOU FAST CHARGE**  
FV FLEXIBLE VOLTAGE  
85 V ← 265 V

12 V **28 Ah SPIRAL** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 750

**2 500 A** 1V DC 750 A

1.3 m - 25 mm<sup>2</sup> → 600 A

026179  
026353



INCLUDED GYSPACK 750

**CHARGER**  
Power in 110-240 V/out 12 V  
50/60 Hz  
054684



**REGULATED IVOU FAST CHARGE**  
FV FLEXIBLE VOLTAGE  
85 V ← 265 V

12 V **28 Ah SPIRAL** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 800

**2 500 A** 1V DC 700 A

1.8 m - 25 mm<sup>2</sup> → 600 A

068759  
072107

INCLUDED GYSPACK PRO 800

**CHARGER**  
Power in 110-240 V/out 12 V  
50/60 Hz  
054684



**REGULATED IVOU FAST CHARGE**  
FV FLEXIBLE VOLTAGE  
85 V ← 265 V

12 V **16 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 700

**1 800 A** 1V DC 640 A

1.4 m - 25 mm<sup>2</sup> → 600 A

027077  
027947



**INTEGRATED CHARGER**

**7 STEP** FV FLEXIBLE VOLTAGE  
85 V ← 265 V

12 V **30 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 900

**3 100 A** 1V DC 830 A

1.8 m - 35 mm<sup>2</sup> → 600 A

027084  
027954



**INTEGRATED CHARGER**

**7 STEP** FV FLEXIBLE VOLTAGE  
85 V ← 265 V

230V  
Après chaque utilisation  
After each use  
Nach jeder Anwendung

DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

Model	Capacity	Voltage	START			CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		Fuse	Fuse	Dimensions	Weight
			1V/C	Cranking CC	Peak Battery			ON/OFF	Memory	12V DC	12V DC				
GYSPACK 660	28 Ah	12V	640 A	1200 A	1900 A	—	110-240V	•	•	→ 12V DC	—	1 × 200 A	35 × 19 × 40 cm	39 × 23 × 45 cm	13,5 kg
GYSPACK 750	28 Ah	12V	750 A	1450 A	2500 A	—	110-240V	•	•	→ 12V DC	—	2 × 200 A	35 × 19 × 40 cm	39 × 23 × 45 cm	13,5 kg
GYSPACK PRO 800	28 Ah	12V	700 A	1320 A	2500 A	—	110-240V	•	•	→ 12V DC	10 A	2 × 200 A	31 × 19 × 35 cm	32 × 23 × 37 cm	18.4 kg
GYSPACK PRO 700	16 Ah	12V	640 A	1200 A	1800 A	100 > 240V 2.5 A	220-240V	•	•	→ 12V DC	10 A	1 × 200 A	33 × 15 × 32 cm	35 × 24 × 36 cm	12 kg
GYSPACK PRO 900	30 Ah	12V	830 A	1700 A	3100 A	100 > 240V 2.5 A	220-240V	•	•	→ 12V DC	10 A	1 × 300 A	33 × 15 × 32 cm	35 × 24 × 36 cm	16 kg

Model	RECOMMENDATION														
	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah
GYSPACK 660	•	•	•												
GYSPACK 750	•	•	•												
GYSPACK PRO 800	•	•	•												
GYSPACK PRO 700	•	•	•												
GYSPACK PRO 900	•	•	•												



47

GYSPACK

BOOSTERS (Pb/Lead inside)





STARTPACK

# BOOSTERS

Pb/Lead INSIDE

POWER SUPPLY  
12V DC



**EnerSys**  
**TPPL**  
TECHNOLOGY  
Thin Plate  
Pure Lead  
**PREMIUM QUALITY BATTERIES**



49

STARTPACK

BOOSTERS (Pb/Lead inside)

12/24 V

22 Ah + 22 Ah

INSIDE

OCCASIONAL PRO INTENSIVE

### STARTPACK TRUCK

12V	3 200 A	1V DC 750 A
24V	1 600 A	1V DC 650 A

1.8 m - 25 mm<sup>2</sup> 600 A 025448  
026339



### STARTPACK TRUCK MOBILE

12V	3 200 A	1V DC 750 A
24V	1 600 A	1V DC 650 A

1.8 m - 25 mm<sup>2</sup> 600 A 026025  
028807

INCLUDED STARTPACK TRUCK & TRUCK MOBILE

### CHARGER

Power in 110-240 V/out 12 V  
50/60 Hz  
054684  
054691



**OPTION**  
MEMORY AUTO SAVE  
CABLE OBD 1,5 m  
054202  
Fuse 7,5 A



12/24 V

16 Ah + 16 Ah

INSIDE

OCCASIONAL PRO INTENSIVE

### STARTPACK 12.24 CI

12V	3600 A	1V DC 900 A	24V	1 800 A	1V DC 700 A
-----	--------	----------------	-----	---------	----------------

1.8 m - 35 mm<sup>2</sup> 600 A 024991  
068155

12/24 V

30 Ah + 30 Ah

INSIDE

OCCASIONAL PRO INTENSIVE

### STARTPACK PRO 12.24 CI

12V	6200 A	1V DC 1300 A	24V	3100 A	1V DC 1200 A
-----	--------	-----------------	-----	--------	-----------------

2 m - 50 mm<sup>2</sup> 600 A 028920  
068162

INCLUDED STARTPACK 12.24 & PRO 12.24

Fuse x2  
200 A 054547  
300 A 054561



### INTEGRATED CHARGER

7 STEP



Après chaque utilisation  
After each use  
Nach jeder Anwendung

DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

Model	Inside	START			TEST OK	50 / 60 Hz	CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		Fuse	Fuse	Dimensions	Weight	
		1V/C	Cranking CC	Peak Battery					ON/OFF	Memory	12V DC	24V DC					
STARTPACK TRUCK / TRUCK MOBILE	2x 22 Ah	12V	750 A	1450 A	3200 A	•	110-240 V	—	12V/2A DC	•	•	12V DC	—	1x300 A	37x20 x46 cm	39x22 x50 cm	18 kg
		24V	650 A	1300 A	1600 A										37x20 x57 cm	39x24 x60 cm	21 kg
STARTPACK 12.24 CI	2x 16 Ah	12V	900 A	1700 A	3600 A	—	220-240 V	4 A	—	•	•	—	—	1x300 A	26x20 x48 cm	34x20 x51 cm	19 kg
		24V	700 A	1350 A	1800 A										14x35 x56 cm	63x39 x30 cm	34 kg
STARTPACK PRO 12.24 CI	2x 30 Ah	12V	1300 A	2400 A	6200 A	—	220-240 V	4 A	—	•	•	—	—	1x300 A	14x35 x56 cm	63x39 x30 cm	34 kg
		24V	1200 A	2250 A	3100 A										—	—	—

RECOMMENDATION	Capacity															
	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
STARTPACK TRUCK	•	•														> 150 Ah
STARTPACK TRUCK MOBILE	•	•														> 150 Ah
STARTPACK 12.24 CI	•	•														> 160 Ah
STARTPACK PRO 12.24 CI	•	•														> 220 Ah



STARTPACK

# BOOSTERS

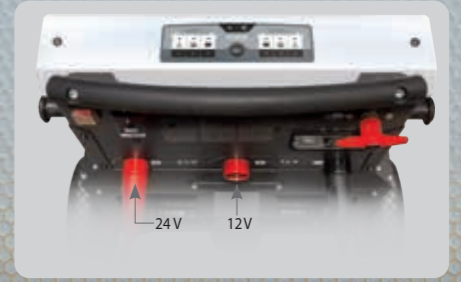
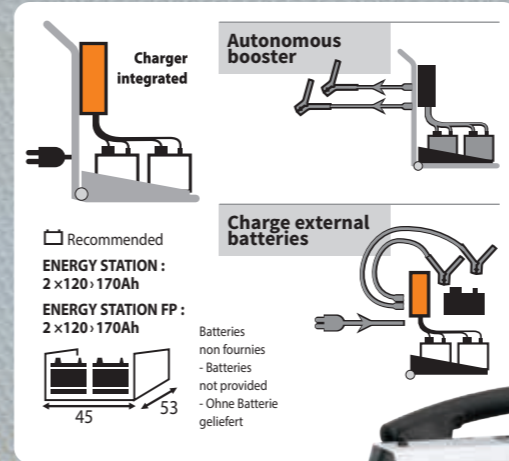


SMART STARTER MANAGEMENT SYSTEM

- FULL PROTECTION**
  - On-board electronics
  - Reverse polarity
  - Over voltage
  - No sparks
- AUTO DETECT**
  - Battery voltage detection
  - Microprocessor Control
  - TIMER Adjustable



ENERGY STATION



- FULL PROTECTION**
  - On-board electronics
  - Over voltage
  - No sparks
  - Reverse polarity

**12/24 V** **50Ah SPIRAL** + **50Ah SPIRAL** **INSIDE** HOBBIES OCCASIONAL **PRO +++ INTENSIVE**

**STARTPACK PRO 12.24 XL**

12V **8 500 A** **1V DC 1600 A** **24V** **4 250 A** **1V DC 1400 A**

2 m - 70 mm<sup>2</sup> 1000 A **026711**

**OPTION**

**STANDARD CABLES**  
 1000 A - 70 mm<sup>2</sup> - 4 m  
**026827**

**NATO CABLES**  
 3 m - 50 mm<sup>2</sup>  
**072589**

**NATO CONNECTOR 026780**

**NATO ID / NCAGE :**  
 F8154 CG730

**12/24 V** HOBBIES OCCASIONAL **PRO INTENSIVE +++**

**ENERGY STATION FP**  
**069589**

**INTEGRATED CHARGER** **6 STEP**

MADE IN FRANCE	Inside	START			CHARGE		CHARGER	Protection			Cables	Dimensions	Weight	
		12V	1V/C	Cranking CC	Peak Battery	min		max	ON/OFF	Fuse				Current
<b>STARTPACK PRO 12.24 XL</b>	2x 50 Ah	12 V	1 600 A	3 000 A	8 500 A	-	-	6 A outside	automatic	300 A	2 m ø 70 mm <sup>2</sup>	106 x 32 x 35 cm	112 x 35 x 43 cm	68 kg
<b>ENERGY STATION FP</b>		selon batteries/according to battery /je nach Batterie (Pb only)			12/24 V	100 > 375 Ah (x2)	30 A inside	manual	300 A		2,5 m ø 50 mm <sup>2</sup>	70 x 65 x 91 cm	80 x 53 x 28 cm	29 kg + batteries

RECOMMENDATION	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
<b>STARTPACK PRO 12.24 XL</b>	•	•													
<b>ENERGY STATION FP</b>	-	-													

# SELECT THE RIGHT BOOSTER

## CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

		12 V									12-24 V				ENERGY STATION FP	
		GYSPACK HERITAGE	GYSPACK 400	GYSPACK AIR	GYSPACK 600	GYSPACK PRO	GYSPACK 660	GYSPACK PRO 700	GYSPACK 750	GYSPACK PRO 800	GYSPACK PRO 900	STARTPACK TRUCK/ TRUCK MOBILE	STARTPACK 12.24 CI	STARTPACK PRO 12.24 CI	STARTPACK PRO 12.24 XL	ENERGY STATION FP
		025844	025455	026322	027336	026155	027862	026254	026179	068759	027084	025448 / 026025	024991	028920	026711	069589
		6 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V
		12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	24V	24V	24V	24V	24V
START	1V/C	400 (6 V)	480 A	480 A	550 A	600 A	640 A	640 A	750 A	700 A	830 A	750 (12 V)	900 A (12 V)	1300 A (12 V)	1600 A (12 V)	/
	CC	450 (12 V)										650 (24 V)	700 A (24 V)	1200 A (24 V)	1400 A (24 V)	
	800 (6 V)											1450 A (12 V)	1700 A (12 V)	2400 A (12 V)	3000 A (12 V)	
	850 (12 V)											1300 A (24 V)	1350 A (24 V)	2250 A (24 V)	2600 A (24 V)	
	PEAK	3200 (6 V)	1250 A	1250 A	1750 A	1750 A	1900 A	1800 A	2500 A	2500 A	3100 A	3200 A (12 V)	3600 A (12 V)	6200 A (12 V)	8500 A (12 V)	
1600 (12 V)											1600 A (24 V)	1800 A (24 V)	3100 A (24 V)	4250 A (24 V)		
2x20 Ah		18 Ah	18 Ah	22 Ah	22 Ah	28 Ah	16 Ah <i>EnerSys</i>	28 Ah	28 Ah	30 Ah <i>EnerSys</i>	2x22 Ah	2x16 Ah <i>EnerSys</i>	2x30 Ah <i>EnerSys</i>	2x50 Ah <i>EXIDE TECHNOLOGIES</i>		
SPIRAL TECHNOLOGY																
ON/OFF		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■ automatic
TEST OK		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
outside 2 A		outside 0,5 A	outside 0,5 A	outside 0,5 A	outside 0,5 A	outside 2 A	inside 2,5 A	outside 2 A	outside 2 A	inside 2,5 A	outside 2 A	inside 4 A	inside 4 A	outside 6 A	inside 30A	
Floating		W2	W2	W2	W2	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	
12 V DC		12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC				
ON/OFF		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
ON/OFF		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
1,8 m ø25 mm <sup>2</sup>		0,6 m ø16 mm <sup>2</sup>	1,1 m ø25 mm <sup>2</sup>	0,6 m ø16 mm <sup>2</sup>	1,1 m ø25 mm <sup>2</sup>	1,3 m ø25 mm <sup>2</sup>	1,4 m ø25 mm <sup>2</sup>	1,3 m ø25 mm <sup>2</sup>	1,8 m ø25 mm <sup>2</sup>	1,8 m ø35 mm <sup>2</sup>	2 m ø50 mm <sup>2</sup>	2 m ø70 mm <sup>2</sup>	2,5 m ø50 mm <sup>2</sup>			
37x20x46		26x10x29	33x17x37	26x10x29	35x14x37	35x19x40	33x15x32	35x19x40	31x19x35	33x15x32	37x20x46/37x20x57	34x18x46	63x39x30	112x35x43	70x65x91	
18 kg		6,5 kg	8,5 kg	6,5 kg	9 kg	13,5 kg	12 kg	13,5 kg	18,4 kg	16 kg	18/21 kg	22 kg	34 kg	68 kg	29 kg +	

★ **MINI PRO**

★★★ **PRO**

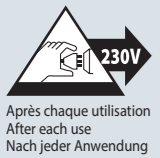
★★★★★ **UNIVERSAL PRO**

CAUTION ON STAND BY  
Keep your GYSPACK connected to the mains supply.

ACHTUNG WENN NICHT IN GEBRAUCH  
Ladegerät dauernd angeschlossen lassen.

ATTENTION CUANDO ESTA APAGADO  
Dejar el cargador conectado permanentemente.

OPGELET BIJTEN GEBRUIK  
Laat de lader onafgebroken aangesloten.



Après chaque utilisation  
After each use  
Nach jeder Anwendung

ATTENTION HORS UTILISATION  
Laisser le chargeur branché  
en permanence.



### NATO / OTAN : PRODUITS COMPATIBLES

- Compatible Products - Kompatible Produkte



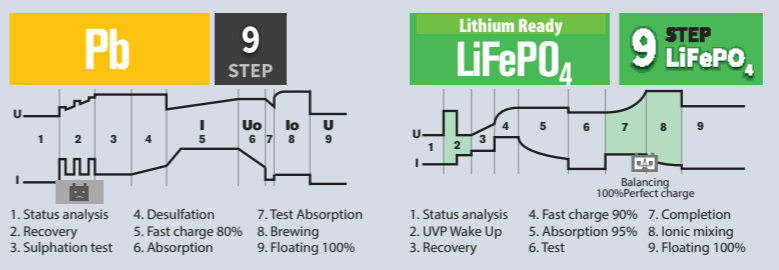
NATO ID / NCAGE : F8154 CG730

	GYSFLASH 30.12, 50.12 FV 100.12, 101.12 CNT 30.24, 50.24 102.12, 32-12PL	GYSFLASH 101.24 CNT FV 121.12 CNT FV	GYSFLASH 123.12 CNT FV 103.24 CNT FV	GYSFLASH 53.48 CNT FV	GYSFLASH 15.24 XTREM	STARTIUM 980E	STARTPACK PRO 12.24 XL
NATO CONNECTOR 026780							
Anderson/NATO 5 m - 16 mm <sup>2</sup> 026810	✓	—	—	✓	—	—	—
Texas/NATO 5 m - 25 mm <sup>2</sup> 025707	—	✓	✓	—	—	—	—
Texas/NATO 10 m - 25 mm <sup>2</sup> 056626	—	—	—	—	—	—	—
Anderson/NATO 3.5 m - 50 mm <sup>2</sup> 025653	—	—	—	—	—	✓	—
Anderson/NATO 2 m - 50 mm <sup>2</sup> 026803	—	—	—	—	—	—	✓
Anderson/NATO 3 m - 50 mm <sup>2</sup> 072589	—	—	—	—	—	—	—
2pts/NATO 5 m - 4 mm <sup>2</sup> 025837	—	—	—	—	✓	—	—
2pts/NATO Spiral 5 m 028968	—	—	—	—	✓	—	—



### BATTERIES DE TRACTION : PRODUITS COMPATIBLES

Compatible Products - Kompatible Produkte



	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	CURRENT	
<b>24 V</b>	BATIUM 25.24 X	75 Ah	90 Ah	120 Ah	125 Ah	130 Ah	140 Ah	155 Ah	165 Ah	180 Ah	25 A
	GYSFLASH 30.24	65 Ah	70 Ah	85 Ah	95 Ah	105 Ah	115 Ah	125 Ah	135 Ah	150 Ah	15 A
	GYSFLASH 51.12	105 Ah	115 Ah	140 Ah	160 Ah	175 Ah	190 Ah	220 Ah	225 Ah	250 Ah	25 A
	GYSFLASH 50.24	210 Ah	230 Ah	280 Ah	315 Ah	350 Ah	380 Ah	415 Ah	450 Ah	500 Ah	50 A
	GYSFLASH 101.24	420 Ah	460 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	1000 Ah	100 A
	GYSFLASH 103.24	420 Ah	460 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	1000 Ah	100 A
<b>48 V</b>	GYSFLASH 53.48	210 Ah	230 Ah	280 Ah	315 Ah	350 Ah	380 Ah	415 Ah	450 Ah	500 Ah	50 A
	GYSFLASH 51.48										



	Cables Anderson 175A/Texas
100 A	5 m - 25 mm <sup>2</sup> 025721
100 A	Cables REMA 160A/Texas
	5 m - 25 mm <sup>2</sup> 025714
15 A	Cables REMA 160A/Anderson
50 A	5 m - 16 mm <sup>2</sup> 069091
30 A	Cables Anderson 175A/Anderson
50 A	5 m - 16 mm <sup>2</sup> 069107

NATO COMPATIBILITY



NOMADPOWER

# BOOSTERS

LITHIUM INSIDE

SPECIAL HOBBY • Utilisation non professionnelle  
• Non professional use • Nicht für gewerblichen Gebrauch.



4700 Pa



- ▶ START ENGINE
- + POWER BANK
- + LIGHT

PRO XL  
★★★★

PRO  
★★★

PRO  
★★★



12V

12V

NOMAD POWER VAC 350

400 A

0,26 m - 5,26 mm<sup>2</sup> → AWG10  
028937



NOMAD POWER 300

350 A

0,28 m - 5,2 mm<sup>2</sup> → AWG10  
025875



NOMAD POWER 500

550 A

0,4 m - 8,3 mm<sup>2</sup> → AWG8  
027145  
☎: 069633



ACCESSORIES included for NOMAD POWER 500



NOMAD POWER PRO 700

600 A

0,26 m - 8,3 mm<sup>2</sup> → AWG8  
027510  
☎: 028838



ACCESSORIES included for NOMAD POWER PRO 700



NOMAD POWER PRO TRUCK

600 A

0,55 m - 13,3 mm<sup>2</sup> → AWG6  
027527  
☎: 028845



ACCESSORIES included for NOMAD POWER 500



NOMAD POWER PRO 12 XL

1000 A

0,8 m - 21 mm<sup>2</sup> → AWG4  
025912  
☎: 069640



NOMAD POWER PRO 24 XL

1400 A

0,8 m - 21 mm<sup>2</sup> → AWG4  
025905  
☎: 069657



ACCESSORIES included for NOMAD POWER PRO 12 XL NOMAD POWER PRO 24 XL



ACCESSORIES included for NOMAD POWER VAC 350

SMART CABLE MULTI SECURITIES



ACCESSORIES included for NOMAD POWER 300



NOMAD POWER 400

500 A

0,28 m - 5,2 mm<sup>2</sup> → AWG10  
025882



ACCESSORIES included for NOMAD POWER 400



MADE IN CHINA

54

	LITHIUM		I			J (3s)	START PETROL & DIESEL	CABLE	MULTI SECURITIES	INPUT	MICRO USB	OUTPUT	POWER BANK				cm	kg
	CAPACITY/CELL	TYPE	FULL CHARGE	Start (6V)	Cranking CC								Peak Battery	Smart	USB	OB		
NP VAC 350	2.5 Ah - 37 Wh	NMC	5 h	400 A	800 A	1000 A	9000 J	12V	5V-2A	•	5V/2 A	5V/2 A (Type C)	5V/2 A	•	2	—	27.2 × 0.65	0.48
NP 300	2.5 Ah - 37 Wh	NMC	5 h	350 A	700 A	900 A	8000 J	12V	12V 5V-2.1 A	•	5V/2 A	—	5V/9V/12V - 5V/2 A	•	2	—	14.6 × 7.8 × 3.1	0.365
NP 400	3 Ah - 45 Wh	NMC	5 h	500 A	1000 A	1200 A	11000 J	12V	12V 5V-2.1 A	•	5V/2 A	—	5V/9V/12V - 5V/2 A - 15V/5A	•	2	—	17.5 × 8.4 × 3.1	0.498
NP 500	5.25 Ah - 77.7 Wh	NMC	6 h	550 A	1300 A	1500 A	12000 J	12V	12V 5V-2A	•	5V/2 A 9V/2 A	—	5V/1A - 5V/2.1 A	•	2	—	22.5 × 9.1 × 3.4	0.610
NP PRO 700	6 Ah - 92.5 Wh	NMC	9 h	600 A	1500 A	2000 A	14000 J	12V	—	•	9V/2 A 12V/1.5 A	5V/2 A (Type C)	5V/2.4 A - 9V/2 A 12V/1.5 A - 15V/10 A	•	2	—	22.8 × 10 × 3.8	0.82
NP PRO TRUCK	5.3 Ah - 137 Wh	NMC	10 h	600 A	1500 A	2000 A	12V : 14000 J 24V : 35000 J	12V/24V	—	•	9 V/2 A 12 V/1.5 A	5V/2 A (Type C)	5V/1 A - 5V/2.1 A - 12V/10 A	•	2	•	24.8 × 24.8 × 9.6	2.4
NP PRO 12XL	8 Ah - 118.4 Wh	NMC	10 h	1000 A	1800 A	3000 A	22000 J	12V	12V/15 A 4 A	—	18V/2 A	—	5V/2.1 A - 12V/3.5 A 12V/10 A - 19V/3.5 A	•	2	•	27.4 × 27.8 × 11	5.6
NP PRO 24XL	8 Ah - 236.8 Wh	NMC	10 h	1400 A	2400 A	3000 A	60000 J	24V	12V/15 A 4 A	—	18V/2 A	—	5V/2.1 A - 12V/3.5 A 12V/10 A - 19V/3.5 A	•	2	•	27.4 × 27.8 × 11	5.6

Recommendation	Tractor	Truck	Bus	Van	Car	Motorcycle	Boat	Plane	Helicopter	Drone	Smartphone	Tablet	Laptop	OB
NP VAC 350	5 > 70 Ah													
NP 300	5 > 70 Ah													
NP 400	5 > 90 Ah													
NP 500	5 > 120 Ah													
NP 700	5 > 140 Ah													
NP PRO TRUCK	5 > 140 Ah													
NP PRO 12XL	5 > 180 Ah													
NP PRO 24XL	5 > 240 Ah													

**OPTION**

MEMORY AUTO SAVE CABLE OBD 1,5 m

for NP 12XL & 24XL

027534



55

NOMADPOWER

BOOSTERS (Lithium inside)



# BOOSTERS

## SUPER CAPACITORS INSIDE

SANS BATTERIE - BATTERYLESS  
- OHNE BATTERIE

### NEW TECHNOLOGY - FULL ELECTRONIC CONTROL



- ✓ NO BATTERY INSIDE
- ✓ NO MAINTENANCE
- ✓ ALWAYS READY
- ✓ BOOSTER SANS BATTERIE INTERNE
- ✓ AUCUNE MAINTENANCE
- ✓ TOUJOURS PRÊT
- ✓ KEINE INTERNE BATTERIE
- ✓ KEINE WARTUNG
- ✓ IMMER BEREIT

### EASY TO USE

2 minutes!



-40/+65°C

STARTRONIC 800

**800 A** 12V **GO > 5 V**

026735



5x **800 F** INSIDE

#### INCLUDED

CIGARETTE LIGHTER for Easy charge  
STARTRONIC 800 & HYBRID 950  
027404



STARTRONIC **HYBRID 950**

**SUPERCAPACITORS + LITHIUM**

**950 A** 12V **GO > 1 V**

026117



Digital control  
8.8.8%

PROFESSIONAL • IMMEDIATE  
**HYBRID** TECHNOLOGY  
UNIVERSAL STARTER  
SMART SECURITY POWER

5x **950 F** + **Lithium** INSIDE

INCLUDED STARTRONIC HYBRID 950

Lithium battery

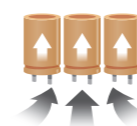


027411

### SUPERCAPACITORS



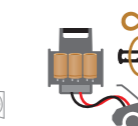
1 MILLION CYCLES



ULTRA FAST CHARGE



NO CHARGE STORAGE



UNLIMITED STARTS

### SMART STARTER



FULL PROTECTION

-40/+65°C



PRO ★★★



PRO ★★★



12V

5x **3000 F** INSIDE

GYSCAP 680E

**1600 A** 12V **GO > 1 V**

026773

1.7 m - 25 mm<sup>2</sup>  
Cables 100% Cu



Homologations / Approvals / Zulassungen:  
PSA17.1716

24V

10x **3000 F** INSIDE

GYSCAP 24V

**2500 A** 24V **GO > 2 V**

028944

2 m - 50 mm<sup>2</sup>  
Cables 100% Cu

INCLUDED

CIGARETTE LIGHTER for Easy charge

1.5 m



12V

GYSCAP 680E / GYSCAP 24V

OPTION

GYFLASH 4.12

p.6



F5

p.14



GYSCAP 680E / GYSCAP 24V

MADE IN CHINA

MADE IN FRANCE

	I			Number of Capacitors	Integrated Inverter	INPUT CHARGE				Charging time	internal lithium battery	cm	kg		
	1V/C	START ICC	Peak			12V OFF	12V ON	12V / 10 A OFF	12V / 10 A ON					MICRO USB Type B 5V/2 A	
STARTRONIC 800	800 A	1 400 A	-	12V	5 × 800 F	•	4 min	60 s	4 min	4 min	5V/2 A	40 min	-	26,7 × 19,5 × 5	1,86
STARTRONIC HYBRID 950	950 A	1 660 A	-	12V	5 × 950 F	•	4 min	60 s	4 min	4 min	5V/2 A	40 min	30 min	25 × 18,5 × 6	1,86
GYSCAP 680E	1 600 A	2 700 A	9 000 A	12V	5 × 3000 F	•	15 min	2 min	15 min	15 min	-	-	-	35 × 44 × 19	8,2
GYSCAP 24V	2 500 A	4 500 A	10 000 A	24V	10 × 3000 F	•	15 min	2 min	30 min	30 min	-	-	-	32 × 49 × 21,5	12



Recommendation

STARTRONIC 800

5 < 90 Ah

STARTRONIC HYBRID 950

5 < 100 Ah

GYSCAP 680 E

5 < 150 Ah

GYSCAP 24V

225 Ah



# TESTERS



x4 Languages Sprachen



x6 Languages Sprachen

Bluetooth



Download on the App Store | GET IT ON Google Play

HIGH TECH BT MOBILITY TRACK DATA by E-devices



## TRADITIONAL

**TBP 100**

12 V 20 > 100 Ah

055131

**TBP 500**

12 V 10 > 160 Ah

055148

## ELECTRONIC & CONNECTED

**Wireless battery monitor** Indicateur de charge sans fil

12/24 V 7 > 240 Ah

ALTERNATOR 12/24 V

024212

**BTW 300 DHC**

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

056664

## LED

**BT 001**

12 V 7 > 230 Ah

056640

## NUMERIC

**NBT 100**

12 V 20 > 150 Ah

024151

**NBT 200**

12 V 20 > 150 Ah

ALTERNATOR 12 V

024168

x1 Languages Sprachen



x10 Languages Sprachen



x9 Languages Sprachen



## DIGITAL

**DBT 300**

12 V 4 > 150 Ah

ALTERNATOR 12 V

024175

**DBT 350**

12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

025868

**DBT 400**

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

024182

MADE IN CHINA

MADE IN TAIWAN

MADE IN CHINA

MADE IN TAIWAN

	BATTERY	TEST				PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	cm	kg		
		BATTERY A	BATTERY V	CHARGE & START SYSTEM VEHICLE									
TBP 100	6-12V	20 > 100 Ah	•	•	12V	—	—	5/10s	15 min	—	16x1.8x30	1.5	
TBP 500	12V	10 > 160 Ah	•	•	12V	—	—	15s	15 min	—	27x26x13	3.75	
BTW 300 DHC	6-12V	7 > 240 Ah	•	min 1.5V	12/24V	—	—	1s	instant	•	10x3x7	0.33	
BATTERY MONITOR	12-24V	7 > 240 Ah	—	min 7V	12/24V	—	—	1s	instant	—	6.5x5x1.5	0.1	
BT 001	12V	7 > 230 Ah	—	•	12V	—	—	1s	instant	—	3x12x1.5	0.29	
NBT 100	12V	20 > 150 Ah	•	min 7V	—	—	•	1s	instant	—	7x1.5x12	0.25	
NBT 200	12V	20 > 150 Ah	•	min 7V	12V	—	•	1s	instant	—	7x1.5x12	0.25	
DBT 300	12V	4 > 150 Ah	•	min 4,5 V	12V	—	—	1s	instant	—	12x7.9x22.7	0.25	
DBT 350	12V	7 > 240 Ah	•	min 8 V	12/24V	—	—	1s	instant	•	9.6x3x13.8	0.8	
DBT 400	6-12V	7 > 240 Ah	•	min 1,5 V	12/24V	—	—	1s	instant	•	6 x 1,5 V CR6-AA	11.5x5x19	0.8

i Recommendation	TEST				LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL	CURRENT CCA SAE
	batteries/Battery/Ladegeräte	Circuit alterateur/ Alternator Circuit/Lichtmaschinenchaltkreis	6V	12V					
TBP 100	6V 12V	12V	•	—	—	—	—	20 > 100 Ah	—
TBP 500	12V	12V	•	—	—	—	—	10 > 160 Ah	—
BTW 300 DHC	6V 12V	12V 24V	•	•	•	•	•	7 > 240 Ah	40 > 2000 A
BATTERY MONITOR	12V 24V	12V 24V	•	•	•	•	•	7 > 240 Ah	—
BT 001	12V	12V	•	•	•	•	•	7 > 230 Ah	—
NBT 100	12V	—	•	—	—	—	—	20 > 150 Ah	200 > 1200 A
NBT 200	12V	—	•	—	—	—	—	20 > 150 Ah	200 > 1200 A
DBT 300	12V	12V	•	—	•	•	•	4 > 150 Ah	40 > 1200 A
DBT 350	12V	12V 24V	•	•	•	•	•	7 > 240 Ah	40 > 2000 A
DBT 400	6V 12V	12V 24V	•	•	•	•	•	7 > 240 Ah	40 > 2000 A

1.8 m \*detachable



PBT

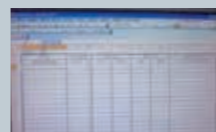
# TESTERS

+ PRINTER



YouTube

PLAYLIST  
BATTERY TESTERS



GESTION LOGICIELLE DE LA BATTERIE  
BATTERY-MANAGEMENT SOFTWARE  
SOFTWARE BATTERIE MANAGEMENT

COMPATIBILITY

USB Barcode scanner  
1D/2D  
027718  
p.21



61

PBT

TESTERS

x6  
Languages  
Sprachen



Homologations  
Approvals  
Zulassungen

0.65 m

x5  
Languages  
Sprachen



1.2 m

x10  
Languages  
Sprachen



x9  
Languages  
Sprachen



1.8 m

x10  
Languages  
Sprachen



1.8 m

PRINTER • 12 V

PRINTER • 6/12 V

PRINTER • 6/12/24 V (2x12)

PBT 550

12 V 30 > 220 Ah

START STOP ALTERNATOR 12 V

024199



x2 (included)  
056633

PBT 600

12 V 30 > 220 Ah

START STOP ALTERNATOR 12/24 V

024205



x2 (included)  
056633

PBT 700

12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

024229



Standard  
57 mm (W)  
x1 (included)  
056237

BT2010 START-STOP DHC

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

055339



Standard  
57 mm (W)  
x1 (included)  
056237

PBT 824

6/12/24(2X12)V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

025738



Standard  
57 mm (W)  
x1 (included)  
056237

	056220	056237	056633
	x2	x1	x2
	37 mm	57 mm	57 mm
	7.5 m	28 m	7.5 m
	25 mm	50 mm	25 mm
	BT 301 BT 501 BT 551	RT 777 PBT 700 PBT 824 BT 2010	PBT 550 PBT 600 PBT 700 PBT 824 BT 2010 SPM

Languages - Sprachen

	GB	FR	DE	IT	ES	PT	CZ	NL	PL	RU	TR
DBT 300											
DBT 350											
DBT 400											
PBT 550											
PBT 600											
PBT 700											
BT 2010											
PBT 824											
BTW 300DHC											

	TEST	TEST		CHARGE & START SYSTEM VEHICLE	PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	cm	kg	
		A	V								
MADE IN CHINA	PBT 550	12V	30 > 220 Ah	min 6V	12V	rétro-éclairé /back-lit	1s	instant	—	55x25	0.55
	PBT 600	12V	30 > 220 Ah	min 8V	12/24V	rétro-éclairé /back-lit	1s	instant	—	55x25	1.1
	PBT 700	12V	7 > 240 Ah	min 8V	12/24V	rétro-éclairé /back-lit	1s	instant	—	23.5x10.2x6.8	0.7
MADE IN TAIWAN	BT 2010 DHC	6-12V	7 > 240 Ah	min 1.5V	12/24V	rétro-éclairé /back-lit	1s	instant	6 x 1.5V LR6-AA	13x6.4 x25.1	0.7
	PBT 824	6-12-24 (2x12)V	7 > 240 Ah	min 1.5V	12/24V	rétro-éclairé /back-lit 4 colors	1s	instant	6 x 1.5V LR6-AA	25x4.5 x13	0.7

i Recommendation	batteries/Battery/Ladegeräte	Circuit alterateur/Alternator Circuit/Lichtmaschinenkreis	PRINT PAPER	TEST					CURRENT CCA SAE	
				LIQUID	START/STOP ENGINE	EFB	AGM VRLA/GEL			
PBT 550	12V		12V						30 > 220 Ah	100 > 2000 A
PBT 600	12V		12V 24V						30 > 220 Ah	100 > 2000 A
PBT 700	12V		12V 24V						7 > 240 Ah	40 > 2000 A
BT 2010 DHC	6V 12V		12V 24V						7 > 240 Ah	40 > 3000 A
PBT 824	6V 12V 24V (2X12)		12V 24V						7 > 240 Ah	40 > 2000 A

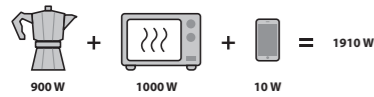
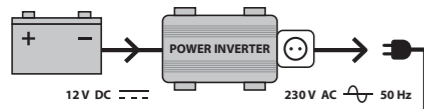
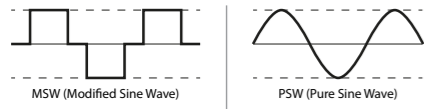


# POWER INVERTER

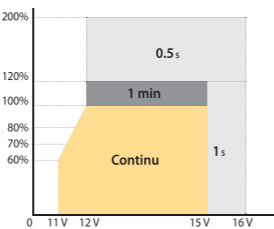
12/24 V DC > 230 V AC



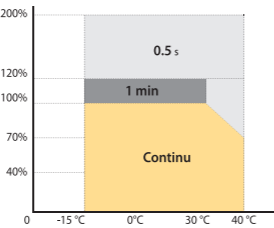
## MSW / PSW TECHNOLOGY



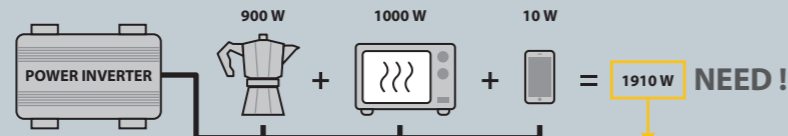
Puissance en fonction de la tension de sortie  
Power based on output voltage  
Leistung in Abhängigkeit von der Ausgangsspannung



Puissance en fonction de la température  
Power based on temperature  
Leistung in Abhängigkeit von der Temperatur



- Tension faible / Surtension / Surcharge / Surchauffe / Court-circuit
- Low volt / Over volt / Over load / Overheating / Output short-circuit
- Unterspannung / Überspannung / Überlastung / Überhitzung / Kurzschluss am Ausgang



### SELECT THE RIGHT POWER INVERTER

- CHOISISSEZ VOTRE CONVERTISSEUR
- WÄHLEN SIE IHREN WECHSELRICHTER

### ÉLECTROMÉNAGER - HOME APPLIANCE

	CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 2002W RC-24	MSW 82000
Micro-Ondes - Microwave - Mikrowelle			700 - 1000 W	30 - 50 min	1 h 30 - 2 h			
Grille Pain - Toaster			800 - 1500 W	20 - 40 min	1 h - 2 h			
Refrigerateur - Fridge - Kühlschrank (40 L)			45 W	12 h	35 h			
Bouilloire - Kettle - Wasserkocher			700 - 2500 W	15 - 45 min	35 min - 2 h			
Cafetière espresso - Espresso coffee maker - Espresso-Maschine			1000 - 1600 W	20 - 30 min	1 h - 1 h 30			
Cafetière filtre - Drip coffee maker - Filterkaffee-Maschine			800 - 1200 W	25 - 40 min	1 h 30 - 2 h			

### ÉLECTRONIQUE - ELECTRONIC

	CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 2002W RC-24	MSW 82000
Téléphone - Mobile phone - Telefon			5 - 10 W	55 - 110 h	155 - 310 h			
Ordinateur portable - Laptop			60 - 95 W	5 - 9 h	16 - 28 h			
Radio			10 - 40 W	14 - 55 h	40 - 155 h			
TV 15"			40 W	13 h 30	39 h			
TV 21"			50 W	11 h	31 h			
Console de jeux vidéo - Video game console - Konsole für Videospiele			39 - 100 W	5 - 13 h	16 - 39 h			
Appareil photo - Camera - Fotoapparat			4 - 19 W	25 - 135 h	78 - 390 h			

### CONFORT - COMFORT

	CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 2002W RC-24	MSW 82000
Eclairage - Light - Beleuchtung			100 W	5 h 30	16 h			
Chauffage électrique - Electrical heater - Elektrische Heizung			1800 - 2500 W	12 - 20 min	35 - 45 min			
Ventilateur - Fan - Lüfter			50 W	11 h	31 h			
Sèche cheveux - Hairdryer - Fön			1000 - 2000 W	15 - 30 min	45 min - 1 h 30			

### NAUTISME - SAILING

	CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 2002W RC-24	MSW 82000
Feux de navigation - Navigation lights - Navigationslichter			24 W	30 h	80 h			
Radar			24 W	30 h	80 h			
Pilote automatique - Autopilot mode			60 W	9 h	30 h			
GPS - GPS/Sat nav.			6 W	110 h	310 h			

MADE IN CHINA	Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2.1) DC	max 150W	clips	Universal	clips	cm	cm	kg
CONVERGYS 150	150 W	300 W	—	90,5 %	12V	230V	5V - 2 A	•	—	•	—	N/A	6 × 10 × 5	0,5 kg
CONVERGYS 300	300 W	600 W	—	85 %	12V	230V	5V - 2 A	•	•	•	—	N/A	10 × 15 × 6	0,95 kg
PSW 601W RC-12	600 W	1200 W	•	90 %	12V	230V	5V - 2 A	—	cables	•	•	5 m	26,5 × 17 × 7,5	2,2 kg
PSW 1002W RC-12	1000 W	2000 W	•	90 %	12V	230V	5V - 2 A	—	cables	•	•	5 m	37,5 × 21 × 10	4,7 kg
PSW 1502W RC-12	1500 W	3000 W	•	90 %	12V	230V	5V - 2 A	—	cables	•	•	5 m	37,5 × 21 × 10	5 kg
PSW 2002W RC-12	2000 W	4000 W	•	90 %	12V	230V	5V - 2 A	—	cables	•	•	5 m	38,5 × 25 × 10	6,25 kg
MSW 82000	2000 W	4000 W	—	80 %	24V	230V	5V - 2 A	—	cables	•	•	—	35 × 20 × 28	5,8 kg
PSW 2002W RC-24	2000 W	4000 W	•	90 %	24V	230V	5V - 2 A	—	cables	•	•	5 m	38,5 × 25 × 10	6,25 kg

## PSW REMOTE CONTROL

For 601W-12



For 1002W RC-12, 1502W RC-12, 2002W RC-12, 2002W RC-24



Input = 888 V  
Output = 888 W

12 V CONVERGYS

CONVERGYS 150  
027022  
027039



CONVERGYS 300  
027053  
027046



12 V PURE SINE WAVE

PSW 601W RC-12  
067332  
067349



PSW 1002W RC-12  
067356  
067363



PSW 1502W RC-12  
067370  
067387



PSW 2002W RC-12  
067394  
067400



24 V MODIFIED SINE WAVE



MSW 82000  
027237  
027244

24 V PURE SINE WAVE



PSW 2002W RC-24  
067417  
067424

INCLUDED FOR ALL





# POWER PACK

12 V > 230 V

Using Time	50 W	8 h
	100 W	4 h
	250 W	1 h 40
	500 W	50 min

Using Time	50 W	20 h
	100 W	10 h
	250 W	4 h
	500 W	2 h 20

## FULL PROTECTION

Short-circuit protection,  
Over-current protection,  
Under-voltage protection,  
Over-load protection,  
Temperature protection



**NEW**



## 4in1

<p><b>1</b> 230 V - 50 Hz / 500 W</p> <p><b>UNIVERSAL OUTPUT</b></p>	<p><b>2</b> 12 V / 12 A</p> <p><b>Cigarette lighter</b> + <b>DC</b></p>	<p><b>3</b> USB</p> <p><b>Type C</b> + <b>QuickCharge</b></p> <p>5V/3A; 9V/3A; 12V/3A 15V/3A; 20V/2.25A</p> <p><b>Dual</b> (Single: 2.4A Max)</p>	<p><b>4</b> LIGHT</p> <p><b>3 MODES</b></p> <ul style="list-style-type: none"> <li>- Light</li> <li>- S.O.S.</li> <li>- Spot</li> </ul>
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**POWER PACK 520**  
518 Wh 20 Ah



## 5in1

<p><b>1</b> 230 V - 50 Hz / 500 W</p> <p><b>Type C / E / F</b></p>	<p><b>2</b> 12 V / 12 A</p> <p><b>Cigarette lighter</b> + <b>DC</b></p>	<p><b>3</b> USB</p> <p><b>Type C</b> + <b>QuickCharge</b></p> <p>5V/3A; 9V/3A; 12V/3A 15V/3A; 20V/2.25A</p> <p><b>Dual</b> (Single: 2.4A Max)</p>	<p><b>4</b> LIGHT</p> <p><b>5 MODES</b></p> <ul style="list-style-type: none"> <li>- Light</li> <li>- (Low - Medium - High)</li> <li>- S.O.S.</li> <li>- Spot</li> </ul>
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**POWER PACK 1300**  
1280 Wh 50 Ah



**5 BOOSTER**

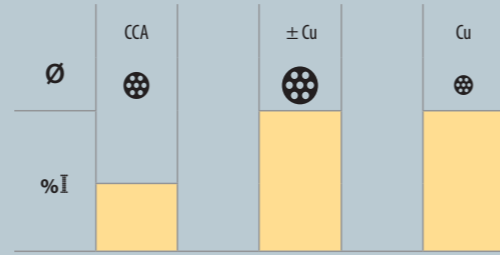
12 V PETROL & DIESEL

	LITHIUM FULL CHARGE		TYPE	I		Nb cycles	POWER OUT	INPUT	OUTPUT	POWER SUPPLY			LIGHT	mm	kg
	CAPACITY/CELL	FULL CHARGE		Start	Peak					PHONE	USB	LED			
<b>POWER PACK 520</b>	518 Wh	8 h	NMC	—	—	1000	Pure Sine Wave 500 W	24V 2.5 A	5 V/3 A ; 9 V/2 A ; 12 V/1.5 A 12 V/12 A ; 5 V/3.1 A 230 V/50 Hz/500 W (AC) × 2	•	3+ 1 (MICRO USB - Type C)	1 × LED	264 × 234 × 163	5.14	
<b>POWER PACK 1300</b>	1280 Wh	7 h - 11 h selon le mode de recharge	LFP	500 A	1000 A	2000	Pure Sine Wave 1000 W	12V 10 A	5 V - 9 V - 12 V - 16 V/3 A 20 V/3 A ; 20V/5 A 230 V/50 Hz × 3	•	4+ 2 (MICRO USB - Type C)	1 × LED	360 × 270 × 280	17.5	

RECOMMENDATION	Game Console	Smartphone	MP3 Player	Laptop	TV	Tablet	Power Drill	Power Saw	Power Hammer	Power Screwdriver	Power Wrench	Power Angle Grinder	Power Grinder	Power Sander	Power Polisher	Power Blower	Power Vacuum	Power Mower	Power Trimmer	Power Hedge Trimmer	Power Chainsaw	
<b>POWER PACK 520</b>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>POWER PACK 1300</b>	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

# JUMPER CABLES

320 A > 1000 A



	Motorcycle	Truck	Tractor	Boat	Car	Van	Bus	Truck	Tractor	Boat	Truck	Tractor	Boat	Truck	Tractor	Boat	CCA	±Cu	Cu
056206																			
564015																			
056404																			
056190																			
056602																			
056312																			
056329																			
056336																			
027695																			
056343																			
056558																			
056541																			
056619																			

## PRO BRASS CLAMPS

**PINCES LAITON, NON ISOLÉES** - Brass clamps, NOT INSULATED - Messingklemmen, nicht isoliert  
 • Pinzas de latón, no aisladas - Koperen klemmen, niet geïsoleerd - Garras bronce, latão isoladas  
 • Ακροδέκτες χαλκού χωρίς μόνωση - ЛАТУННЫЕ ЗАЖИМЫ, НЕИЗОЛИРОВАННЫЕ - 黄铜夹, 无绝缘



	320 A	500 A	700 A	1000 A	1000 A
056206	320 A	500 A	700 A	1000 A	1000 A
564015	320 A	500 A	700 A	1000 A	1000 A
056404	320 A	500 A	700 A	1000 A	1000 A
056602	320 A	500 A	700 A	1000 A	1000 A
056190	320 A	500 A	700 A	1000 A	1000 A

MADE IN CHINA

## PRO INSULATED CLAMPS

**PINCES ISOLÉES- INSULATED CLAMPS - ISOLIERTE KLEMMEN - Pinzas aisladas**  
 • Garras aisladas - Geïsoleerde klemmen - Μονωμένοι ακροδέκτες  
 • Изолированные зажимы - 绝缘充电夹



	200 A	320 A	500 A	700 A	1000 A
056312	200 A	320 A	500 A	700 A	1000 A
056329	200 A	320 A	500 A	700 A	1000 A
056336	200 A	320 A	500 A	700 A	1000 A
056343	200 A	320 A	500 A	700 A	1000 A
056558	200 A	320 A	500 A	700 A	1000 A

MADE IN CHINA

## CÂBLES DE DÉMARRAGE - BOOSTER CABLES - Starterkabel - CABLES DE ARRANQUE - CAVI DI AVVIAMENTO



TEST VOLT

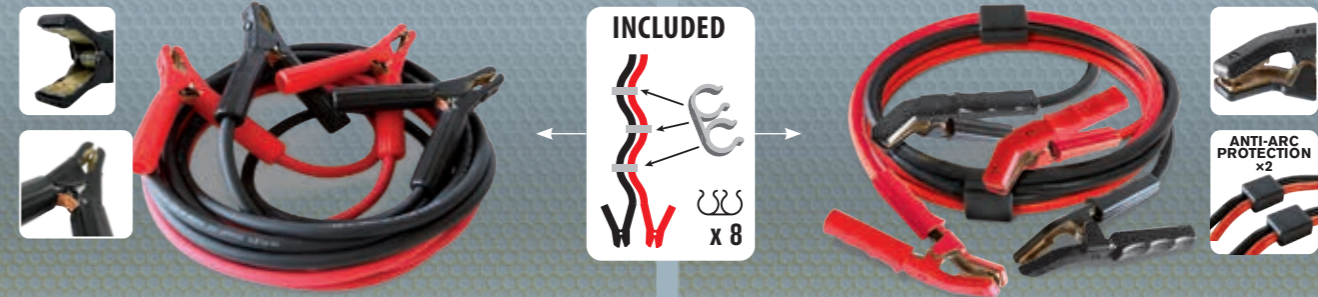
LED



DIN 72553	ESSENCE BENZINE PETROL	DIESEL	Length	Area
027695	350 A	5,5l	3l	3,5 m
				25 mm <sup>2</sup>

## SUPER PRO INSULATED CLAMPS

**PINCES ISOLÉES - INSULATED CLAMPS - ISOLIERTE KLEMMEN - Pinzas aisladas**  
 • Garras aisladas - Geïsoleerde klemmen - Μονωμένοι ακροδέκτες  
 • Изолированные зажимы - 绝缘充电夹



056541	700 A	4,5 m	35 mm <sup>2</sup>	056619	1000 A	5 m	50 mm <sup>2</sup>

## EV CHARGING

16 A > 32 A Norm - IEC 62196-2 Type 2

**RECHARGEMENT EV EV CHARGING • LADEN FÜR ELEKTROFAHRZEUGE**  
 • Carga de EV • EV carregando  
 • EV opladen • Φόρτιση EV  
 • Зарядка электромобиля • 电动汽车充电

NEW  
IP 66



PORTABLE EV CHARGER	IP	U <sub>1</sub>	I <sub>1</sub>	P	EV CHARGING CABLES
028975	66	1 ph	10 / 16 A	3,7 kW	32 A 1 ph
					32 A 3 ph
					5 m
					Type 2



# ACCESSOIRES

CABLES EN 60245-6/H01N2-D (Caoutchouc - Rubber)	↔ L	↔ x m	A (60%)		A (35%)		
			16 mm <sup>2</sup>	121	131	25 mm <sup>2</sup>	165
EN 60974-9	↔ x m	100 m	046252	121	131	165	185
		5 m	045408				
16 mm <sup>2</sup>	↔ x m	100 m	046603	165	185	211	243
		5 m	046306				
25 mm <sup>2</sup>	↔ x m	100 m	046702	211	243	275	323
		5 m	046405				
35 mm <sup>2</sup>	↔ x m	100 m	046801	275	323	351	419
		5 m	046757				
50 mm <sup>2</sup>	↔ x m	100 m	046832	351	419	433	527
		5 m	046863				

HIGH FLEXIBILITY ELECTRICAL CABLES	↔ L	↔ x m	A (60%)		A (35%)	
			10 mm <sup>2</sup>	88	92	16 mm <sup>2</sup>
10 mm <sup>2</sup>	↔ x m	100 m	054882	054875	88	92
		20 m	056107	056091		
16 mm <sup>2</sup>	↔ x m	100 m	054905	054899	120	130
		20 m	056121	056114		
25 mm <sup>2</sup>	↔ x m	100 m	054929	054912	164	184
		20 m	056145	056138		
35 mm <sup>2</sup>	↔ x m	100 m	054943	054936	210	240
		20 m	056169	056162		
50 mm <sup>2</sup>	↔ x m	100 m	054967	054950	273	320
		20 m	056191	056184		
70 mm <sup>2</sup>	↔ x m	50 m	—	056565	310	380



400 A  
053991  
600 A  
053984

## PINCES - Clamps - Klemmen - Pinzas - Garras - Ακροδέκτες - Зажимы - 充电夹

	40 A	60 A	60 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	300 A	600 A							
I 100%	30 A	60 A	60 A	100 A	200 A	600 A	120 A	120 A	170 A	200 A	-	-							
I peak	75 A	150 A	150 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	-	-							
max	↔ 30 mm	↔ 25 mm	↔ 25 mm	↔ 38 mm	↔ 45 mm	↔ 40 mm	↔ 35 mm	↔ 28 mm	↔ 44 mm	↔ 55 mm	↔ 38 mm	↔ 38 mm							
max	2.5 mm <sup>2</sup>	10 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	25 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	70 mm <sup>2</sup>	50 mm <sup>2</sup>	95 mm <sup>2</sup>							
	053106	024816	071872	053502	053403	053700	053601	053779	053786	055551	055544	025783	025776	053816	053793	025769	025752	038059	038066

## PROTECTION ANTI-ARC - Anti-arc protection - Lichtbogenschutz



## PORTE-BATTERIE AJUSTABLE - Adjustable battery carrier - Einstellbarer Batteriehalter



## PÈSE ACIDE ANTIGEL - Acidimeter (PH Meter) - Säure/Frostschutzmittel-Tester - Acido densímetro anticongelante - Zuurweger - Medidor de PH (ácido)



## KIT SOLAIRE DE MAINTIEN DE CHARGE AVEC ACCESSOIRES - Solar powered charger with accessories - Solarpanel zur Ladeerhaltung mit Zubehör - Kit solar de mantenimiento de carga



## STATION MULTICHARGE POUR BATTERIES - Multi charge station for batteries - Multi-Ladestation für Starterbatterien



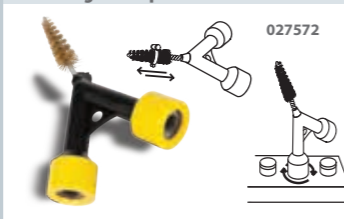
## COSSES BATTERIE - Battery Terminal - Polklemmen - Terminales batería - Accupool - Terminais de batería - Πόλος μπαταρίας - Контакты аккумуляторной - батареи - 电池端子

ø 10 mm / 35 mm <sup>2</sup>	ø 13 mm / 50 mm <sup>2</sup>	ø 16 mm / 70 mm <sup>2</sup>
054400	054417	054370
054431	054356	054387
054448	054363	

## COSSES - Cable lugs - Terminal Kabelschuhe - Kabelschuhe

16 mm <sup>2</sup>	M10	×10	038219
25 mm <sup>2</sup>	M10	×10	038226
35 mm <sup>2</sup>	M14	×10	038233
50 mm <sup>2</sup>	M14	×10	038240

## NETTOYEUR COSSES / BORNES - Cleaning brush poles / terminals



## QUICK CONNECTORS



## FUSIBLES - Fuses - Sicherungen - Fusibles - Zekeringen - Fusíveis - Ασφάλεις - Плавкие предохранители - 保险丝

6.3 A 054578	10 A 054530	15 A 054493	20 A 054509	25 A 054516	30 A 054523	40 A 054554		
	100 A 054486	100 A 054394	150 A 027930	200 A 054547	250 A 055568	300 A 054561		
				M5	M6	M10		
				40 A 054646	50 A 054622	80 A 054653	125 A 054585	150 A 054639

## SAUVEGARDE MÉMOIRE OBD - Memory auto save - Sicherung des Speichers - Salvaguardia memorias - Salvaguardas de memória - Αυτόματη αποθήκευση ρυθμίσεων - Сохранение настроек - 记忆存储器

GYSPack OBD  
054998  
055001

7Ah INSIDE

Automatic TIMER STOP

230V

Après chaque utilisation / After each use / Nach jeder Anwendung

MEMORY SAVER

12V - 7 Ah	< 4 A	< 4 A	25 × 18 × 25 cm	3 kg
------------	-------	-------	-----------------	------

MADE IN P.R.C.

CABLE OBD - Cable OBD - Kabel für OBD

054202  
Fuse 7,5 A  
1,5 m

**LAMPE BALADEUSE**  
- Hand Lamp  
- Handleuchte

**100-250 lumens (x3)**


**TRIPODE 250 L**  
3 x 1 W COB LED

3 x 3.6 V  
300 mAh  
AAA rechargeable, Ni-MH, USB charging (6h)

**operating time**  
High position: 1 h  
Low position: 3 h  
Flashing: 5 h

↳ 260 x 100 x 100 mm

059955



**400 lumens**

**400 L**  
COB LED

Li-ion  
Charging time: 8h

**operating time**  
High position: 2.5 h  
Low position: 5 h  
Top light (1 W): 6 h

↳ 230 x 65 x 40 mm

059153



**250-600 lumens**

**PRO 600 L**  
COB LED, 80 CRI

3.7 V - 2200 mAh Li-ion  
micro USB charging (3.5 h)

**operating time:**  
High position: 1.5 h,  
Mid position: 4.5 h,  
Top light (100 lumens): 10 h

↳ 190 x 56 x 29 mm  
IP 54  
210g

060883



**200-400 lumens**

**ÉTANCHE 400 L**  
COB LED

3.7 V - 2000 mAh Li-ion  
USB charging (4/6 h)

**operating time**  
High position: 2 h  
Mid position: 4 h  
Top light (4 W): 3 h

↳ 285 x 65 x 65 mm  
IP 56

059948

Étanche - Waterproof



**LAMPE INSPECTION**  
- Inspection Lamp  
- Inspektionslampen

**100-200 lumens**

**MINI 200 L**  
COB LED, 80 CRI, 6500 K

3.7 V - 700 mAh Li-ion  
micro USB charging (2.5 h)

**operating time**  
High position: 1.5 h  
Low position: 4 h  
Top light: 3.5 h

IP 20  
↳ 76 g, ↳ 174 x 27.5 x 28 mm

060852

120 lumens



**50 > 500 lumens**

**FLEXIBLE 500 L**  
COB LED - 80 CRI+  
6500 K

3.7 V - 2600 mAh Li-ion  
USB charging (4 h)

**operating time**  
High position: 2 h  
Low position: 16 h  
Top light: 9.5 h

IP 54  
↳ 290 g  
↳ 423 x 65.5 x 44.5 mm

060869

FLEXIBLE



**100-280 lumens**

**FRONTALE 280 L**  
3 W COB LED  
80 CRI+, 6500 K

3.7 V - 1500 mAh Li-po  
micro USB charging

**operating time**  
High position: 2 h  
Low position: 6 h

IP 65, ↳ 110 g  
↳ 78.5 x 47.5 x 42 mm

060845

motion detection mode



**0 > 600 lumens**

**PRO 600 L**  
6500 K

3.7 V - 2600 mAh Li-ion

**operating time**  
1.5 > 15 h

↳ 380 x 40 x 45 mm  
300 g  
057760  
058309

charge indicator

120 lumens



**LAMPE AMBIANCE 360° - 360° ambient lamp**

**60 > 1000 lumens**

**PORTABLE 1000 L**  
>80 CRI SMD LED  
6500 K

3.7 V - 5200 mAh Li-ion  
USB charging (4.5h)  
USB power supply

**operating time** 2 > 27 h

↳ 260 x 75 x 75 mm  
IP 54  
450 g

059764

USB charging /Power supply



**LAMPE SOUS CAPOT**  
- Under bonnet lamp  
- Leuchte für Motorhaube

**300-600 lumens**

**600 L**  
120 COB LED

3.7 V - 4000 mAh Li-ion  
charging time: 10/12 h

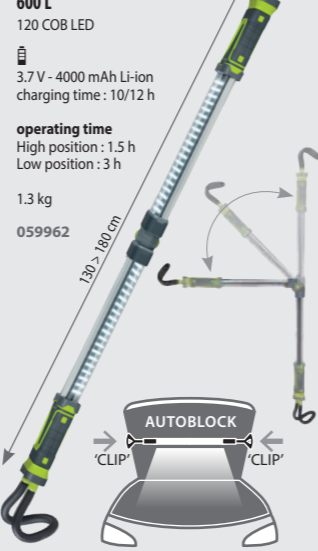
**operating time**  
High position: 1.5 h  
Low position: 3 h

1.3 kg

059962

130 > 180 cm

AUTOBLOCK  
CLIP CLIP



**250-800 lumens**

**800 L**  
120 COB LED

3.7 V - 4000 mAh Li-ion  
charging time: 10/12 h

**operating time**  
High position: 3 h  
Low position: 6 h

058002  
058316

130 cm



**PROJECTEUR SUR TRÉPIED**  
- Worklight with tripod  
- Arbeitsleuchte mit Standfuß

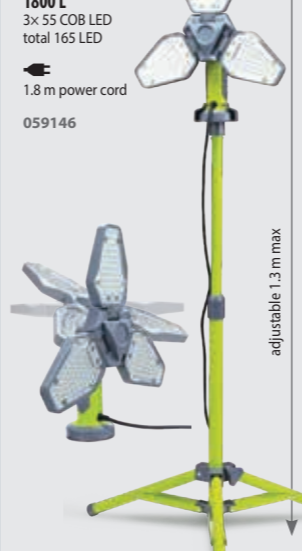
**1800 lumens**

**1800 L**  
3x 55 COB LED  
total 165 LED

1.8 m power cord

059146

adjustable 1.3 m max



**3000 lumens**

**3000 L**  
35 W COB LED

2 m power cord

IP 44

059979

adjustable 1.5 m max



**4000 lumens**


**Lampe sur TRÉPIED 4000 L**  
Worklight with tripod  
3x 20 COB LED,  
total 60 LED

3 m power cord

059986

adjustable 2.3 m max

2.3 m max



**AUTO MOTIVE BATTERIES**

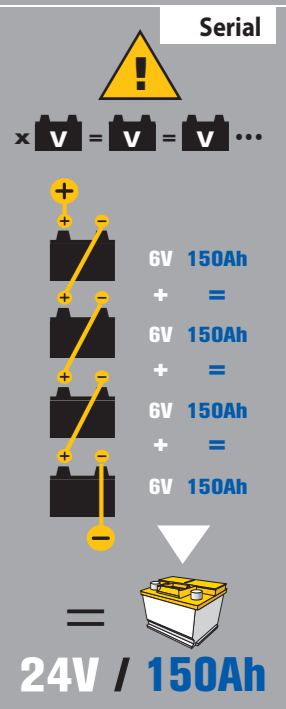
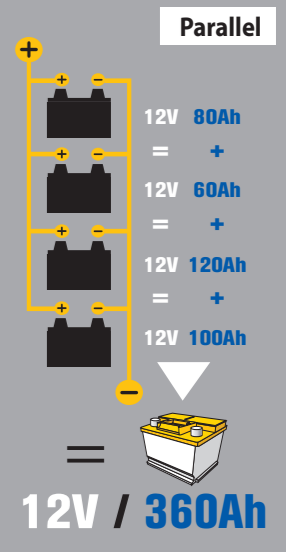
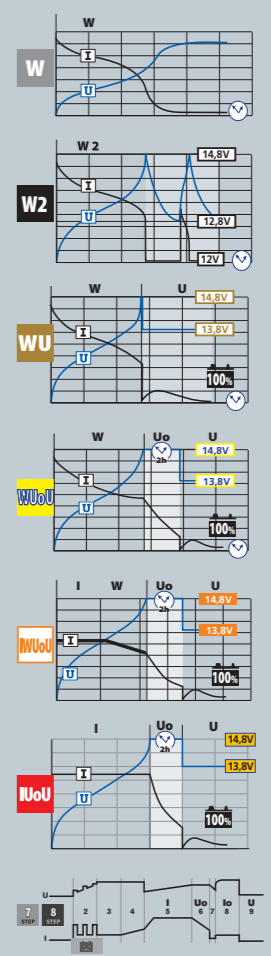
Batteries de démarrage - Starterbatterien - Baterias de arranque  
- Automotive accu's - Baterias de Automóvel - Mnatopics  
огонтов - Пусковые батареи - 汽车启动电池

Curves	LIQUID Calcium / Silver	Start & Stop / AGM / EFB / GEL / Optima	Unattended charge	100% charged	Maintenance	Battery desulphation	Fast Charge	Fast Charge ++
W	✓	-	-	-	-	-	-	-
W2	✓	-	✓	-	-	-	-	-
WU	✓	-	✓	-	✓	-	-	-
WUoU	✓	✓	✓	✓	✓	-	-	-
IWUoU	✓	✓	✓	✓	✓	✓	✓	-
I REGULATED FAST CHARGE IUoU	✓	✓	✓	✓	✓	-	✓	✓
7 STEP GYSFLASH Pb	✓	✓	✓	✓	✓	✓	✓	✓

GYSFLASH Lithium

8 STEP Li-ion    8 STEP LiFePO<sub>4</sub>    9 STEP Li-ion    9 STEP LiFePO<sub>4</sub>

LiFePO<sub>4</sub> / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



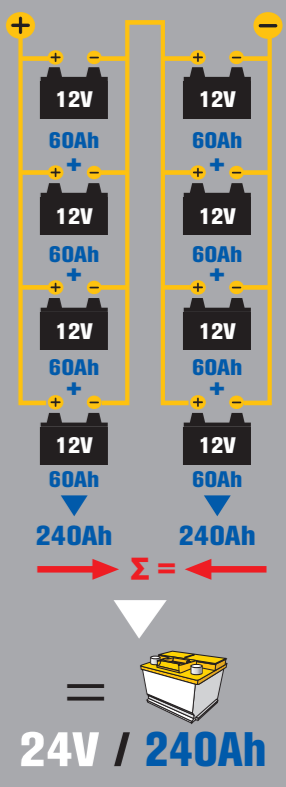
**MARKETING**



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Type	FA1	FA2	SB1
complet - completa - komplett	062429	062443	061149
sans linéaire - without display stand - ohne Regal	062436	062450	062412



**24V / 240Ah**



French manufacturer  
since 1964



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info@vbtools.be • www.vbtools.be

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