



MADE IN FRANCE SINCE 1964



INVEST IN THE FUTURE



# Charger, Booster & Starter

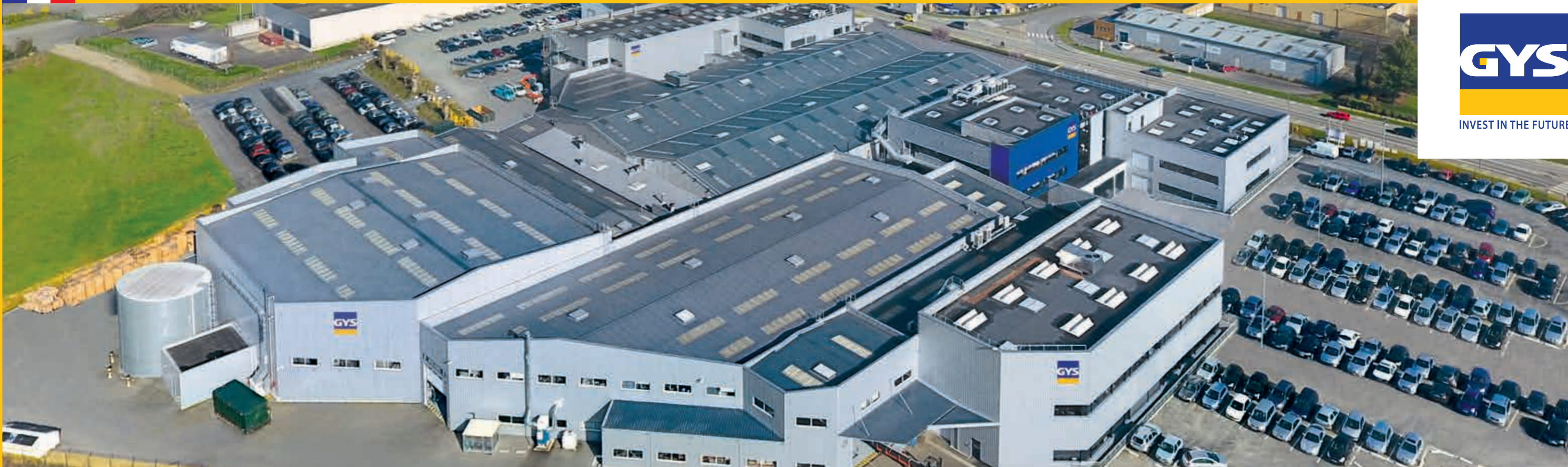
Catalogue Charge • Batterieservicegeräte-Katalog

Catálogo de Cargadores

2019B

[www.gys.fr](http://www.gys.fr)

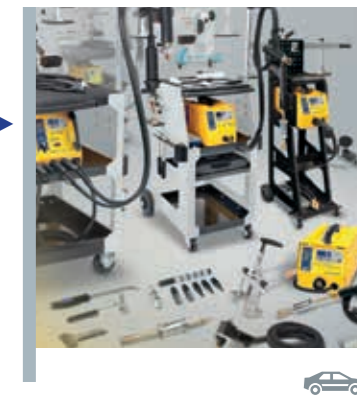
CHARGER • BOOSTER • STARTER • TESTER • JUMPER CABLE • ACCESSORIES



## A family firm since 1964

Une société familiale depuis 1964  
 Familienunternehmen seit 1964  
 Una empresa familiar desde 1964  
 Un'azienda familiare dal 1964  
 Een familiebedrijf sinds 1964

3



40 000 m<sup>2</sup>  
 400 000 sqf



8



670+



125

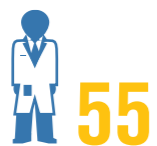


Partenaires • Partners • Partner • Socios comerciales • Partner • Partners



# High tech R&D

R&D de pointe  
Hochmoderne F&E  
I+D de tecnología punta  
R&S di punta  
Hoogwaardige R&D



# GYS Academy

Académie • Akademie  
Academia • Accademia  
Academy

Centre de formation agréé  
Training centre dedicated to professionals  
Trainingcenter für Profis  
Centro de formación autorizado  
Centro di formazione dedicato ai professionisti  
Erkend opleidingscentrum

Formations agréées  
Ref. 52 53 0068153



Electronics • Électronique • Elektronik



Painting • Peinture • Lackierstraße



Cable work • Filerie • Kabelkonfektionierung



Mechanical engineering • Mécanique • CNC-Bearbeitung



Metal work • Tôlerie • Blechbearbeitung



Transformers • Transformateurs • Transformatoren



Assembly • Montage/tests • Montage



# CHARGERS TRADITIONAL

W



**3 A** 12V  
**ENERGY 124**

023215  
025141



**4 A** 12V  
**ENERGY 126**

023222  
025165



	50/60 Hz	⚡	🔋	CHARGE			🔌	📦	👤
				Reg	Efficace / RMS	Moyen / Average (EN 60335)			
<b>ENERGY 124</b>	230V	70W	<b>12V</b>	—	4,5A	3 A	10A	11,5 × 16 × 22 cm	1,9 kg
<b>ENERGY 126</b>	230V	90W	<b>12V</b>	—	6 A	4 A	10A	11,5 × 16 × 22 cm	2 kg
<b>TCB 60 automatic</b>	230V	85W	<b>12V</b>	2	6 A	2 - 4A	10A	12 × 17 × 29 cm	2,5 kg
<b>TCB 90 automatic</b>	230V	120W	<b>12V</b>	2	8 A	2 - 5,5A	15A	12 × 17 × 29 cm	3,2 kg
<b>TCB 120 automatic</b>	230V	150W	<b>12V</b>	2	10,5A	3,5 - 7 A	15A	12 × 17 × 29 cm	3,2 kg

# CHARGERS AUTOMATIC

WU



PATENTS REGISTERED NUMBERS  
001652090-0001  
EUROPEAN TRADEMARK & DESIGN  
TCB 60/90/120



**2/4 A** 12V  
**TCB 60**

023253  
025189



**2/5,5 A** 12V  
**TCB 90**

023260  
025202



**3,5/7 A** 12V  
**TCB 120**

023284  
025240



**2 in 1**  
= CHARGE + TEST

i Recommendation	🏍️	🚗	🚙	🚘	🚚	🚛	🔌	🔊 Bzz CONTROL
<b>ENERGY 124</b>				10 • 45 Ah			—	—
<b>ENERGY 126</b>				15 • 60 Ah			—	—
<b>TCB 60 automatic</b>				10 • 60 Ah			OK	OK
<b>TCB 90 automatic</b>				15 • 90 Ah			OK	OK
<b>TCB 120 automatic</b>				20 • 120 Ah			OK	OK

# SMART CHARGERS HF • INVERTER

REGULATED  
**IUoU**  
FAST CHARGE

Autorestart  
memory

**ARTIC 800**  
**0,8A** 12V

**GO > 7V**

029569  
029682



Included  
(Artic 800/1500/4000/8000)



**ARTIC 1500**  
**1,5A** 12V

**IP 65**  
**GO > 7V**

029576  
029699



**ARTIC 4000**  
**4A/1-4A** 6/12V

**IP 65**

**COLD CHARGE**  
<0°C >0°C

**GO > 2V (6V) > 7V (12V)**

**START/STOP ENGINE**

All batteries

029583  
029705



**ARTIC 8000**  
**2A/8A** 12V

**IP 65**

**COLD CHARGE**  
<0°C >0°C

**GO 7V**

**START/STOP ENGINE**

All batteries

029590  
029712



Old GYTECH accessories

	Adaptateur allume-cigare / Cigarette lighter adaptor / Zigarettenanzünderanschlussadapter <b>for GYSTECH 3800</b> 053137
	Kit câble connexion pincettes / Clamp connection kit / Verbindungsset mit Klemmen 12V/7A • 24V/3,8A <b>for GYSTECH 7000</b> 053151

	50/60 Hz	Power	CHARGE	I Charge (EN 60335)	Polarity protection	Cold Charge	Autorestart memory	Full security	Start/Stop engine	Dimensions	Weight
<b>ARTIC 800</b>	100-240V	15 W	12V	0,8A	•	—	•	—	—	130 × 65 × 38 mm	430 g
<b>ARTIC 1500</b>	220-240V	27 W	12V	1,5A	•	—	•	—	—	152 × 70 × 40 mm	500 g
<b>ARTIC 4000</b>	220-240V	75 W	6V	4A	•	•	•	•	•	193 × 80 × 52 mm	780 g
			12V	1A / 4A							
<b>ARTIC 8000</b>	220-240V	130 W	12V	2 / 8A	•	•	•	•	•	220 × 96 × 59 mm	1130 g

Recommendation	Vehicle Type	Charging Mode	Capacity	IP
<b>ARTIC 800</b>	[Icons: Car, Motorcycle, Boat, etc.]	Charge 1.6	25 Ah	44
		Maintenance 1.6	80 Ah	
<b>ARTIC 1500</b>	[Icons: Car, Motorcycle, Boat, etc.]	Charge 3	40 Ah	65
		Maintenance 3	100 Ah	
<b>ARTIC 4000</b>	[Icons: Car, Motorcycle, Boat, etc.]	Charge 6V	8 • 70 Ah - 12V: 2 • 70 Ah	65
		Maintenance 6V	8 • 130 Ah - 12V: 2 • 130 Ah	
<b>ARTIC 8000</b>	[Icons: Car, Motorcycle, Boat, etc.]	Charge 4	160 Ah	65
		Maintenance 4	240 Ah	

# SMART CHARGERS HF • INVERTER



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).  
Can Bus ready: compatible with Can Bus Technology, the Gysflash can be connected to the motorcycle 12V socket (cable is optional).  
Can-Bus Ready: Mit der Can-Bus Technologie kompatibel.  
Das GYSFLASH wird direkt auf den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).



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.



Refresh : rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).

Refresh : rebalancing of the battery cells for greater longevity (not available on all models).

Refresh: Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).



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.



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.

# Pb

# 12 V

**GYSFLASH 1.12**  
**1 A** 12V



029361  
029514



**GYSFLASH 4.12**  
**0,8/4 A** 12V



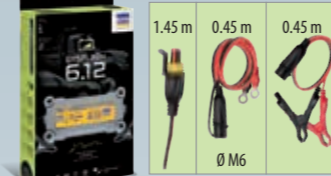
029422  
029521



**GYSFLASH 6.12**  
**0,8/6 A** 12V



029378  
029613



**GYSFLASH 8.12**  
**8 A** 12V



029385  
029545



**GYSFLASH 12.12**  
**12 A** 12V



029392  
029552



**DISPLAY BOX  
4.12**  
026001



**DISPLAY BOX  
6.12**  
027091

	50 / 60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	IP	↑	SOS RECOVERY	
<b>GYSFLASH 1.12</b>	220-240 V AC	18 W	1 A	12V	2 · 32 Ah	2 · 100 Ah	<0.4 Ah/month	<150 mV Rms	IUOu	7 steps	0.44 kg	IP 65	130 × 80 × 38 mm	Automatic
<b>GYSFLASH 4.12</b>	220-240 V AC	70 W	0,8/4 A	12V	1.2 · 70 Ah	1.2 · 125 Ah	<0.4 Ah/month	<150 mV Rms	IUOu	7 steps	0.69 kg	IP 65	170 × 90 × 51 mm	Automatic
<b>GYSFLASH 6.12</b>	220-240 V AC	90 W	0,8/6 A	12V	1.2 · 125 Ah	1.2 · 170 Ah	<0.4 Ah/month	<150 mV Rms	IUOu	8 steps	0.77 kg	IP 65	190 × 100 × 52 mm	Automatic
<b>GYSFLASH 8.12</b>	220-240 V AC	130 W	8 A	12V	15 · 160 Ah	15 · 240 Ah	<0.4 Ah/month	<150 mV Rms	IUOu	8 steps	0.85 kg	IP 65	190 × 100 × 52 mm	Automatic
<b>GYSFLASH 12.12</b>	220-240 V AC	195 W	12 A	12V	20 · 250 Ah	20 · 330 Ah	<0.4 Ah/month	<100 mV Rms	IUOu	8 steps	1.1 kg	IP 65	221 × 111 × 58 mm	Automatic

**Pb 6/12 V**

**6/12/24 V**

**LiFePO<sub>4</sub> 12 V**

**Lithium**



**GYSFLASH 6 HERITAGE**  
**0,8/6 A** 6V 12V



**GYSFLASH 6.24**  
**0.8/6 A** 6V 12V 24V



**GYSFLASH 9.24**  
**9 A** 6V 12V 24V



**GYSFLASH 1.12 Lithium**  
**1 A** 12V



**GYSFLASH 6.12 Lithium**  
**4/6 A** 12V



Balancing  
100% Perfect Charge



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

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	SOS RECOVERY		
<b>GYSFLASH 6 HERITAGE</b>	220-240 V AC	2 m	130 W	<b>0,8/6 A</b>	<b>6/12 V</b>	1,2 · 125 Ah	1,2 · 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.85 kg	190 × 100 × 52 mm	Automatic
<b>GYSFLASH 6.24</b>	220-240 V AC	2 m	130 W	<b>0.8/6 A</b>	<b>6/12 V</b>	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	Automatic
<b>GYSFLASH 9.24</b>	220-240 V AC	2 m	195 W	<b>4 A</b>	<b>24 V</b>	15 · 100 Ah	15 · 140 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 step	IP 65	1.1 kg	221 × 111 × 58 mm	Automatic
				<b>9 A</b>	<b>6/12 V</b>	18 · 220 Ah	18 · 300 Ah								
				<b>6 A</b>	<b>24 V</b>	15 · 125 Ah	15 · 170 Ah								

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		
<b>GYSFLASH 1.12 Lithium</b>	220-240 V AC	1 m	18 W	<b>1 A</b>	<b>12 V</b>	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
<b>GYSFLASH 6.12 Lithium</b>	220-240 V AC	2 m	90 W	<b>6 A</b>	<b>12 V</b>	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

+ Pb  
LiFePO<sub>4</sub>

12 V

24 V

12/24 V

CHARGERS  
& BSU  
(BATTERY SUPPORT UNITS)

+ Pb  
LiFePO<sub>4</sub>

12 V



**GYSFLASH 1.12 PL**

**1 A** 12V



no refresh  
**Pb** **LiFePO<sub>4</sub>**

026902  
027541



**GYSFLASH 6.24 PL**

**6 A** 24V



no refresh  
**Pb** **LiFePO<sub>4</sub>**

027398



**GYSFLASH 20.12/24 PL**

**20 A** 12/24V



026049  
027558



**GYSFLASH 18.12 PL**

**18 A** 12V



026926



**GYSFLASH 30.12 PL**

**30 A** 12V



029668  
026070



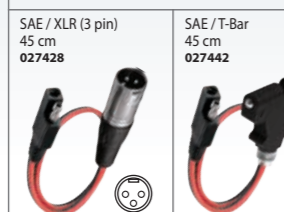
**NEW**  
04/2019

**NEW**  
06/2019

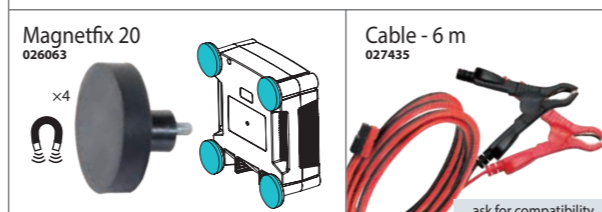
**NEW**  
06/2019



**Electromobility Connectors**  
Gysflash 6.24 PL (more p.17)



**OPTION**  
Gysflash 18.12 PL, 30.12 PL, 20.12/24 PL

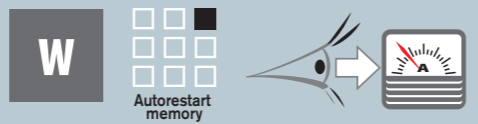


	50 / 60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Onduation/ Ripple	Charging curve	IP	Weight	Dimensions
<b>GYSFLASH 1.12 PL</b>	220-240 V AC	2 m 20 W	1 A	12V	2 > 32 Ah (Pb) 0,5 > 20 Ah (LiFePO <sub>4</sub> )	2 > 100 Ah (Pb) 0,5 > 50 Ah (LiFePO <sub>4</sub> )	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 65, 0,69 kg	170x90x51 mm
<b>GYSFLASH 6.24 PL</b>	220-240 V AC	2 m 195 W	6 A	24V	15 > 125 Ah (Pb) 2 > 125 Ah (LiFePO <sub>4</sub> )	15 > 170 Ah (Pb) 2 > 170 Ah (LiFePO <sub>4</sub> )	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 65, 1,1 kg	221x111x58 mm
<b>GYSFLASH 18.12 PL</b>	220-240 V AC	1,9 m 300 W	7/12/18 A	12V	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO <sub>4</sub> )		<0.5 Ah/month	<100 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 43, 1,55 kg	190x190x73 mm
<b>GYSFLASH 30.12 PL</b>	220-240 V AC	1,9 m 500 W	7/15/30 A	12V	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO <sub>4</sub> )		<0.5 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 43, 1,85 kg	190x190x73 mm
<b>GYSFLASH 20.12/24 PL</b>	220-240 V AC	1,9 m 480 W	7/15/20 A 7/15 A	12V 24V	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO <sub>4</sub> ) 15 > 240 Ah (Pb) 7 > 240 Ah (LiFePO <sub>4</sub> )		<1 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 43, 1,85 kg	190x190x73 mm





# CHARGERS TRADITIONAL



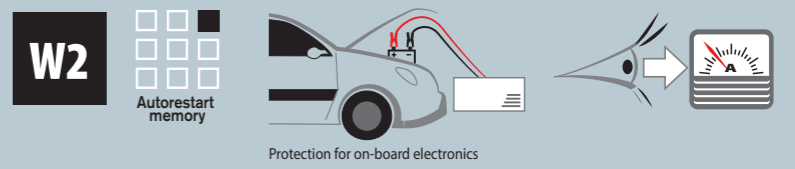
**CT 160**  
**9A** 12/24V  
 024106  
 ☎: 025325

**CT 210**  
**12A** 12/24V  
 024113  
 ☎: 025349



CT : TRADITIONAL CHARGERS

# CHARGERS AUTOMATIC & MANUAL



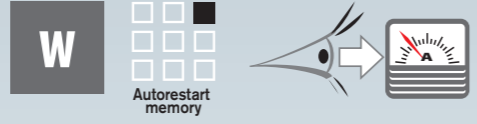
**CA 150**  
**10A** 12/24V  
 024434

**CA 360**  
**25A** 12/24V  
 023185



WATTMATIC/CA : AUTOMATIC CHARGERS

**MULTICHARGE CT 48**  
**4 > 32A** **12/24/36/48V**



6 charging speed

026087



- 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 MULTICHARGE CT 48 054554
  - 50A CA 360 054622

# CHARGERS AUTOMATIC



**WATTMATIC 100**  
**5A** 6/12V  
 024823  
 ☎: 025417

**WATTMATIC 140**  
**9A** 6/12V  
 025608  
 ☎: 025622

**WATTMATIC 170**  
**10A** 6/12V  
 025615  
 ☎: 025639

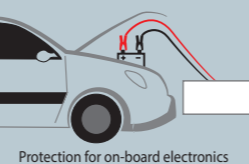
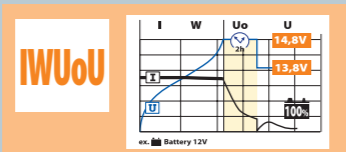


PATENTS REGISTERED NUMBERS  
 00228008 & 002279927  
 EUROPEAN TRADEMARK & DESIGN

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

Model	Voltage	Capacity	Vehicle Type		
<b>CT 160</b>	12V	24V	Car, Van, Truck		
	12V	24V	(12V) 25 · 160 Ah (24V) 15 · 90 Ah		
<b>CT 210</b>	12V	24V	Car, Van, Truck		
	12V	24V	(12V) 35 · 210 Ah (24V) 20 · 100 Ah		
<b>MULTICHARGE CT 48</b>	12V	24V	36V	48V	Truck
	12V/24/36V	90 · 450 Ah	(48V) 70 · 360 Ah		
<b>CA 150</b>	12V	24V	Truck		
	12V	24V	35 · 150 Ah		
<b>CA 360</b>	12V	24V	Truck		
	12V	24V	40 · 350 Ah		
<b>WATTMATIC 100</b>	6V	12V	Truck		
	6V	12V	15 · 100 Ah		
<b>WATTMATIC 140</b>	6V	12V	Truck		
	6V	12V	20 · 150 Ah		
<b>WATTMATIC 170</b>	6V	12V	Truck		
	6V	12V	25 · 180 Ah		

# SMART CHARGERS AUTOMATIC



## BATIUM 7/12

**7 A**

6/12V

024496  
024557



## BATIUM 15/12

**15 A**

6/12V



024519  
024632



## BATIUM 7/24

**7 A**

6/12/24V

024502  
024625



## BATIUM 15/24

**15 A**

6/12/24V



024526  
024588



## BATIUM 25/24

**25 A**

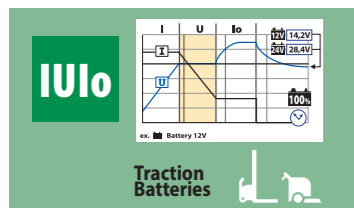
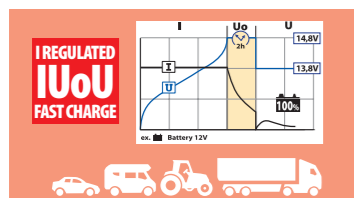
6/12/24V



Specific charge  
Traction batteries



024533



Fuse X10  
15A (BATIUM 7/12 & 7/24)  
054493

30A (BATIUM 15/12 & 15/24)  
054523

	50/60 Hz	⚡	CHARGE							Fuse	⊠	⚖	SOS RECOVERY	
			Reg	Efficace / RMS	Moyen / Average (EN 60335)				Reg 3					boost
					Reg 1	Reg 2	Reg 3	boost						
<b>BATIUM 7/12</b>	230V	105W	6/12V	2	11 A	3 A	—	—	7 A	15 A	21 × 34 × 13 cm	4,6 kg	—	
<b>BATIUM 7/24</b>	230V	210W	6/12/24V	2	11 A	3 A	—	—	7 A	15 A	21 × 34 × 13 cm	5,4 kg	—	
<b>BATIUM 15/12</b>	230V	225W	6/12V	3	22 A	7 A	10 A	—	15 A	30 A	21 × 36 × 14 cm	5,6 kg	•	
<b>BATIUM 15/24</b>	230V	450W	6/12/24V	3	22 A	7 A	10 A	—	15 A	30 A	21 × 36 14 cm	7,1 kg	•	
<b>BATIUM 25/24</b>	230V	1150W	6/12/24V	3	37 A	7 A	15 A	25 A	—	—	28 × 42 × 23 cm	13,4 kg	•	

i Recommendation	Vehicle Types										
	Tractor	Truck	Motorcycle	Car	Van	Truck	Tractor	Truck	Tractor	Truck	Tractor
<b>BATIUM 7/12</b>	6V 12V	—	—	—	—	—	15 · 130 Ah	—	—	—	—
<b>BATIUM 7/24</b>	6V 12V 24V	—	—	—	—	—	15 · 130 Ah	—	—	—	—
<b>BATIUM 15/12</b>	6V 12V	—	—	—	—	—	35 · 225 Ah	—	—	—	—
<b>BATIUM 15/24</b>	6V 12V 24V	—	—	—	—	—	35 · 225 Ah	—	—	—	—
<b>BATIUM 25/24</b>	6V 12V 24V	35 · 180 Ah	—	—	—	—	35 · 350 Ah	—	—	—	—

BATIUM : SMART AUTOMATIC CHARGERS

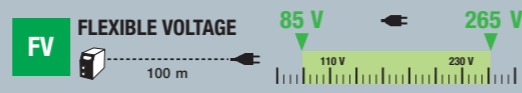
BATIUM : SMART AUTOMATIC CHARGERS

# CHARGERS & BSU (BATTERY SUPPORT UNITS)



GYSFLASH PRO : CHARGERS & BSU

<b>GYSFLASH 30.12</b>	PFC	029224
30 A	12 V	
<b>GYSFLASH 30.24</b>	PFC	029231
30 A	6/12/24V	
<b>GYSFLASH 50.12</b>	PFC	029088
50 A	12 V	
<b>GYSFLASH 50.12 FV</b>	PFC	026056
50 A	12 V	FV
<b>GYSFLASH 50.24</b>	PFC	029095
50 A	6/12/24V	2,5 m - 10 mm <sup>2</sup> 029095 5 m - 16 mm <sup>2</sup> 029620
<b>GYSFLASH 100.12</b>	PFC	029071
100 A	12 V	2,5 m - 16 mm <sup>2</sup> 029071 5 m - 16 mm <sup>2</sup> 029415



<b>GYSFLASH 101.12 CNT</b>	PFC
100 A	12 V
CNT	TEST
	Lithium Ready



<b>GYSFLASH 121.12 CNT FV</b>	PFC	FV
120 A	12 V	
CNT	TEST	Lithium Ready



<b>GYSFLASH 102.12</b>	PFC
100 A	12 V



<b>GYSFLASH 32.12</b>	
30 A	12 V



Standard cables	
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



Fuse (internal) x2	Gysflash 30 : 40 A 054646	Fuse (external) x5	Gysflash 30 : 6,3 A 054578
	Gysflash 40/50 : 80 A 054653		Gysflash 40/50/100/101/102/121 : 10 A 056527
	Gysflash 100/101/102 : 125 A 054585		
	Gysflash 121 : 150 A 054639		

	50/60 Hz	L	mm <sup>2</sup>	START MINI	I max	40°C/230V	TRACTION BATTERIES	1 2 3	SULPHATED BATTERIES AUTOMATIC RECOVERY	CNT			
<b>GYSFLASH 30.12</b>	230V	2,5 m	6	12V	540 W	2V	30 A	30 A @ 100%	10 > 400Ah	25,5 x 10,5 x 23 cm	4,9 kg	•	•
<b>GYSFLASH 30.24</b>	230V	2,5 m	10	6V 12V 24V	540 W	2V	30 A	30 A @ 100%	10 > 400Ah	25,5 x 10,5 x 23 cm	4,9 kg	•	•
<b>GYSFLASH 50.12</b>	230V	2,5 m	10	12V	850 W	2V	50 A	40 A @ 100%	10 > 600Ah	30 x 10,5 x 29,2 cm	5,8 kg	•	•
<b>GYSFLASH 50.12 FV</b>	85 > 265V	2,5 m	10	12V	850 W	2V	50 A	40 A @ 100%	10 > 600Ah	30 x 10,5 x 29,2 cm	5,8 kg	•	•
<b>GYSFLASH 50.24</b>	230V	2,5 m	10	6V 12V 24V	1600 W	2V	50 A	45 A @ 100%	10 > 600Ah	30 x 10,5 x 29,2 cm	5,8 kg	•	•
<b>GYSFLASH 100.12</b>	230V	2,5 m	16	12V	1600 W	2V	100 A	66 A @ 100%	20 > 1200Ah	32 x 10,5 x 29,2 cm	6,6 kg 7,5 kg	•	•
<b>GYSFLASH 101.12 CNT</b>	230V	5 m	16	12V	1600 W	2V	100 A	66 A @ 100%	20 > 1200Ah	32 x 10,5 x 29,2 cm	7,5 kg	•	•
<b>GYSFLASH 121.12 CNT FV</b>	85 > 265V	5 m	25	12V	2000 W	2V	120 A	N/A	20 > 1500Ah	31 x 13 x 26 cm	9,5 kg	•	•
<b>GYSFLASH 32.12</b>	230V	2,5 m	6	12V	500 W	2V	30 A	30 A @ 100%	10 > 400Ah	8 x 25 x 20 cm	4,9 kg	•	•
<b>GYSFLASH 102.12</b>	230V	5 m	16	12V	1600 W	2V	100 A	66 A @ 100%	20 > 1200Ah	12 x 34,5 x 29,5 cm	8,2 kg	•	•

GYSFLASH PRO : CHARGERS & BSU



### 6 modes

**CHARGE**

**DIAG +**

U2 ADJUSTABLE

**SHOWROOM**

**CHANGE BATTERY**

**POWER SUPPLY**

U2 & I2 max ADJUSTABLE

**TEST**

GYSFLASH 101.12 CNT,  
121.12 CNT only

## CNT - CONNECT TECHNOLOGY

GYSFLASH 101.12 CNT, 121.12 CNT

NEW 2019

## USB PORTABILITY

**Software update**  
Gysflash evolutions

**Traceability**  
History data export

**Quick customization**  
Modes, curves & parameters management

Download configurations at [gys.fr](http://gys.fr)

- Car Extended config
- Showroom config
- Pro Lithium config
- Traction config
- ...

## CONNECTIVITY

Accessories coming soon

NEW 2019

printer  
026919

wifi

barcode scanner

and more

## Chargeurs intelligents • Smart chargers • Intelligente Ladegeräte

Pb

9 STEP

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

Lithium Ready

LiFePO<sub>4</sub>

9 STEP

GYSFLASH 101.12 CNT, 121.12 CNT only

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

## Interface

MADE IN FRANCE

CHARGE 12V  
Liquid 100Ah

MODE      SELECT      Adjust values      START STOP

GYSFLASH 30.12, 30.24, 50.12, 50.24

CHARGE 12V  
LIQUID 70Ah

**16 languages**  
GB, FR, DE, NL, ES, PT, IT, RU, SE, DK, FI, TR, HR, GR, CZ, PL

PRO SCREEN

GYSFLASH 50.12 FV, 100.12, 101.12 CNT, 121.12 CNT, 102.12

CHARGE 12V  
Liquid 100Ah

**High resolution & brightness**

**19 languages**  
GB, FR, DE, NL, ES, PT, IT, RU, SE, DK, FI, TR, HR, GR, CZ, PL

+ CN (simplified & traditional) & JP integrated

TRACTION

START/STOP ENGINE  
ALL BATTERIES

GO  
> 2V

FAN LESS TECHNOLOGY

Autorestart memory

HIGH EFFICIENCY  
Up to 15% Energy Saving  
**93%**

EMC class B

# AUTOMATIC STARTER & CHARGER

W2



**3 in 1**

=  
CHARGE  
+  
TEST  
+  
START

**STARTUP 80**  
9/17 A 12V

024922  
025127



PATENTS REGISTERED NUMBERS  
001652090-0002  
EUROPEAN TRADEMARK & DESIGN

START UP 80

Fuses 50 A x 2 (Start 200)  
054622  
Fuses 80 A x 2 (Start 300)  
054653  
Fuses 150 A x 2 (Neostart 320)  
054639

Fuses 200 A x 2 (Neostart 420, 620 & Gystart 1224 T)  
054547

MADE IN GYS CHINA

MADE IN FRANCE

# TRADITIONAL STARTERS & CHARGERS

W



**START 200**  
11 A 12V

025530



**START 300**  
8/10 A 12/24V

025547



**NEOSTART 320**  
25 A 12/24V

025301



**NEOSTART 420**  
45 A 12/24V

025295  
025479



**NEOSTART 620**  
60 A 12/24V

025288  
025486



# AUTOMATIC STARTERS & CHARGERS

W2



**GYSTART 1224 T**  
70 A 12/24V  
400 V TRI

025394

AUTOMATIC CHARGE

ELECTRONIC PROTECTION



included

POWER CONTROL



5m

TRI 400V 3ph

MADE IN FRANCE

Model	Voltage	I <sub>1</sub>	CHARGE W	START kW	CHARGE							START		Fuse		
					Reg	Efficace / RMS	Moyen / Average (EN 60335)	Boost	Automatic	Manual	min / max	1V/C	0V/C			
START UP 80	230V	13 A	12V	350	1	2	13,5-25 A	9 A	17 A	-	-	40 > 170 Ah	50 A	80 A	-	-
START 200	230V	13 A	12V	390	1,4	3	15-25 A	11 A	18 A	-	-	53 > 240 Ah	80 A	120 A	-	50 A
START 300	230V	13 A	12V	800	3,6	3	13-36 A	10 A	23 A	-	-	42 > 300 Ah	100 A	165 A	-	80 A
		13 A	24V	1200	3,6			8 A	17 A	-	-	38 > 224 Ah				
NEOSTART 320	230V	13 A	12/24V	800	6,5	3	40 A	10 A	40 A	-	-	20 > 700 Ah	160 A	270 A	-	-
NEOSTART 420	230V	16 A	12/24V	1700	9	3	70 A	20 A	40 A	-	-	20 > 1000 Ah	300 A	420 A	-	-
NEOSTART 620	230V	16 A	12/24V	2000	10	3	90 A	30 A	60 A	-	-	20 > 1350 Ah	360 A	620 A	-	-
GYSTART 1224 T	400V (TRI)	16 A	12/24V	2500	20	3	80 A	70 A	-	-	65 > 1350 Ah	780 A	1200 A	-	-	

Model	Voltage	Recommendation										Dimensions	Weight
		50 Ah	100 Ah	150 Ah	200 Ah	300 Ah	Instant	Precharge (≈10 min)					
START UP 80	12V	35 > 50 Ah										12 × 18 × 32 cm	4,4 kg
START 200	12V	35 > 40 Ah	40 > 80 Ah									37 × 26 × 18 cm	8 kg
START 300	12V 24V	35 > 50 Ah	50 > 100 Ah									40 × 33 × 23 cm	13,8 kg
NEOSTART 320	12V 24V		50 > 80 Ah	80 > 120 Ah								41 × 30 × 21 cm	14,7 kg
NEOSTART 420	12V 24V			50 > 120 Ah	120 > 160 Ah							47 × 32 × 27 cm	20,9 kg
NEOSTART 620	12V 24V				60 > 180 Ah	180 > 200 Ah						47 × 32 × 27 cm	24 kg
GYSTART 1224 T	12V 24V				60 > 250 Ah	250 > 300 Ah						42,5 × 34,5 × 71 cm	54,5 kg

# AUTOMATIC STARTERS & CHARGERS



**STARTIUM 330E**  
25 A 12/24V

026469



**STARTIUM 480E**  
40 A 12/24V

026483  
025578



**STARTIUM 680E**  
45 A 12/24V

026490  
025585



**STARTIUM 980E**  
50 A 12/24V

026506



**DIAG STARTIUM 60-12**  
60 A 12V

026513

**DIAG STARTIUM 60-24**  
60 A 6/12/24V

026520  
025592



## AUTOMATIC STARTERS/CHARGERS

## AUTOMATIC STARTERS/CHARGERS + BSU

Fuses 100 A x 2 (Startium 330E)  
054394  
Fuses 200 A x 2 (480E, 680E, Diag, 60-12, 60-24)  
054547  
Fuses 250 A x 2 (980E)  
055568

Model	Voltage	Current (A)	Charge (kW)	Start (kW)	CHARGE							START			BSU
					Reg	Efficace / RMS	Moyen / Average (EN 60335)	Boost	Automatic	min > max	1V/C	0V/C	AUTO START		
STARTIUM 330E	230V	16A	12/24V	0,8	6,5	4	40 A	25 A	—	•	12 V : 20 > 370 Ah 24 V : 20 > 300 Ah	165 A 130 A	270 A 210 A	•	—
STARTIUM 480E	230V	16A	12/24V	1,7	9	4	65 A	30 A	40 A	•	12 V : 20 > 600 Ah 24 V : 20 > 450 Ah	280 A 210 A	390 A 290 A	•	—
STARTIUM 680E	230V	16A	12/24V	2	10	4	75 A	30 A	45 A	•	12 V : 20 > 675 Ah 24 V : 20 > 525 Ah	380 A 270 A	550 A 380 A	•	—
STARTIUM 980E	230V	16A	12/24V	2	12	4	80 A	40 A	50 A	•	12 V : 20 > 750 Ah 24 V : 20 > 525 Ah	500 A 400 A	720 A 560 A	•	—
DIAG STARTIUM 60-12	230V	16A	12V	2	10	4	95 A	60 A	—	•	12 V : 20 > 900 Ah	310 A	440 A	•	•
DIAG STARTIUM 60-24	230V	16A	6/12/24V	2	10	4	65 A	40 A	—	•	6 V : 20 > 900 Ah	—	—	•	•
							95 A	60 A			12 V : 20 > 900 Ah	300 A	430 A		
							65 A	40 A			24 V : 20 > 525 Ah	280 A	410 A		

Model	Voltage	Capacity Recommendation				Dimensions (cm)	Weight (kg)
		50 Ah	100 Ah	150 Ah	200 Ah		
STARTIUM 330E	12V/24V	40 > 80 Ah	80 > 120 Ah			43 x 26 x 26 cm	16,3 kg
STARTIUM 480E	12V/24V	40 > 120 Ah		120 > 160 Ah		31 x 48 x 80 cm	28,6 kg
STARTIUM 680E	12V/24V	50 > 180 Ah			180 > 200 Ah	31 x 48 x 80 cm	31 kg
STARTIUM 980E	12V/24V	50 > 240 Ah				31 x 48 x 80 cm	36 kg
DIAG STARTIUM 60-12	12V	50 > 180 Ah		180 > 200 Ah	48 x 35 x 90 cm	36 kg	
DIAG STARTIUM 60-24	6V/12V/24V	50 > 180 Ah		180 > 200 Ah	48 x 35 x 90 cm	36 kg	

instant Precharge (=10min)

# MEMORY AUTO SAVE

## GYSPACK OBD

SAUVEGARDE MÉMOIRE OBD / Memory auto save / Speichersicherung / Salvaguardia memorias / Salvaguardas de memória / Αυτόματη αποθήκευση ρυθμίσεων / Сохранение настроек / 记忆储存器



054998  
055001



OBD



Automatic  
TIMER STOP

<4A

**7 Ah**  
INSIDE

230V  
Après chaque utilisation  
After each use  
Nach jeder Anwendung

MEMORY SAVER				
INSIDE	OBD			
12V 7Ah	<4A	<4A	25 × 18 × 25 cm	3 kg

## CABLE OBD - Câble OBD - Kabel für OBD

054202  
1,5 m  
Fuse 7,5 A



# BOOSTERS + POWER SUPPLY 12V DC



POWER SUPPLY 12V / 18 Ah  
18 Ah INSIDE  
1V/C 480 A

GYSPACK AUTO / GYSPACK 400

**1 250 A** 12V

026230



025455  
025516



Insulated clamps  
300 A - 0,6 m  
ø 16 mm<sup>2</sup>

POWER SUPPLY 12V / 18 Ah  
18 Ah INSIDE  
1V/C 480 A

GYSPACK AIR

**1 250 A** 12V



026322  
025431



+ Compressor  
Air Kit included  
4 bars

Insulated clamps  
500 A - 1,1 m  
ø 25 mm<sup>2</sup>



WU

included GYSPACK AUTO,  
GYSPACK 400, GYSPACK AIR  
**POWER SUPPLY - Flexible Voltage**  
Power in 110-240 V / out 12 V  
50/60 Hz



054677  
054660

OPTION

MEMORY AUTO SAVE CABLE OBD 1,5 m

054202 Fuse 7,5 A  
for GYSPACK AUTO,  
GYSPACK 400, 600,  
GYSPACK AIR,  
GYSPACK PRO,  
GYSPACK 750,  
STARTPACK TRUCK/  
TRUCK MOBILE



230V  
Après chaque utilisation  
After each use  
Nach jeder Anwendung

12V	START	1V/C	Cranking CC	Peak Battery	ON/OFF	FUSE	Power Supply	EXTERNAL Charge 230V	TEST OK	Dimensions	Weight	40 > 50 Ah
GYSPACK AUTO/400	18 Ah	12V	480 A	900 A	1250 A	—	—	—	•	26×10×29 cm	30×18×37 cm	6,5 kg
GYSPACK AIR	18 Ah	12V	480 A	900 A	1250 A	•	•	4 bars	•	33×17×37 cm	39×22×45 cm	8,5 kg





GYSPACK PLASTIC : BOOSTERS

GYSPACK PLASTIC : BOOSTERS

**POWER SUPPLY** 12 V / 22 Ah  
**INSIDE** 22 Ah  
**1V/C** 550 A

**GYSPACK 600**  
**1 750 A** 12V



**POWER SUPPLY** 12 V / 22 Ah  
**INSIDE** 22 Ah  
**1V/C** 600 A

**GYSPACK PRO**  
**1 750 A** 12V



**POWER SUPPLY** 12 V / 28 Ah  
**INSIDE** 28 Ah  
**1V/C** 750 A

**GYSPACK 750**  
**2 500 A** 12V



**POWER SUPPLY** 12 V / 44 Ah  
**INSIDE** 22 Ah + 22 Ah  
**1V/C** 750 A (12V) 650 A (24V)

**STARTPACK TRUCK**  
**3 200 A** 12V  
**1 600 A** 24V



**POWER SUPPLY** 12 V / 44 Ah  
**INSIDE** 22 Ah + 22 Ah  
**1V/C** 750 A (12V) 650 A (24V)

**STARTPACK TRUCK MOBILE**  
**3 200 A** 12V  
**1 600 A** 24V

026025



**WU** included GYSPACK 600 & Gyspack PRO  
**POWER SUPPLY - Flexible Voltage**  
 Ⓢ Power in 110-240 V / out 12 V  
 50/60 Hz

054677  
054660

**I REGULATED IUoU FAST CHARGE** included GYSPACK 750, STARTPACK TRUCK/ TRUCK MOBILE

**AUTOMATIC CHARGER - Flexible Voltage**  
 Ⓢ Power in 100-240 V / out 12 V  
 50/60 Hz

054684  
054691

**FV FLEXIBLE VOLTAGE** 100V-240V

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

054202

for GYSPACK AUTO, GYSPACK 400, 600, GYSPACK AIR, GYSPACK PRO, GYSPACK 750, STARTPACK TRUCK/ TRUCK MOBILE

Fuse 200 A x2 GYSPACK 750 054547

Fuse 300 A x2 STARTPACK TRUCK/ TRUCK MOBILE 054561

Après chaque utilisation  
 After each use  
 Nach jeder Anwendung

MADE IN GYS CHINA

MADE IN GYS CHINA

	12V		START	Cranking CC	Peak Battery	FUSE	FUSE	Power Supply	EXTERNAL Charge 230V	TEST OK	↑	↓	⚖
	Inside	1V/C											
<b>GYSPACK 600</b>	22 Ah	12V	550 A	1050 A	1750 A	—	—	⊕ 12V DC	12V DC/0,5A	●	26×10×29 cm	30×18×37 cm	6,5 kg
<b>GYSPACK PRO</b>	22 Ah	12V	600 A	1100 A	1750 A	●	●	⊕ 12V DC	12V DC/0,5A	●	35×14×37 cm	39×17×45 cm	9 kg
<b>GYSPACK 750</b>	28 Ah	12V	750 A	1450 A	2500 A	●	●	⊕ 12V DC	12V/2 A DC	●	35×19×40 cm	39×23×45 cm	13,5 kg
<b>STARTPACK TRUCK</b>	2 x 22 Ah	12V	750 A	1450 A	3200 A	●	●	⊕ 12V DC	12V/2 A DC	—	37×20×46 cm	39×22×50 cm	18 kg
<b>STARTPACK TRUCK MOBILE</b>		24V	650 A	1300 A	1600 A								

Recommendation	Icon	50 Ah	>	80 Ah	>	100 Ah	>	125 Ah
		<b>GYSPACK 600</b>						
<b>GYSPACK PRO</b>								
<b>GYSPACK 750</b>								
<b>STARTPACK TRUCK</b>								
<b>STARTPACK TRUCK MOBILE</b>								

# BOOSTERS CAR + TRUCK



**EnerSys**  
HIGH QUALITY BATTERIES



16 Ah **1V/C**  
INSIDE 640 A

**GYSPACK 650**  
**1 800 A** 12V



30 Ah **1V/C**  
INSIDE 830 A

**GYSPACK 810**  
**3 100 A** 12V



**OPTION**  
**MEMORY AUTO SAVE CABLE OBD 1,5 m**  
for GYSPACK 610/810  
**054202**  
Fuse 7,5 A

16 Ah + 16 Ah **1V/C**  
INSIDE 900 A (12 V)  
700 A (24 V)

**STARTPACK 12.24**  
**3 600 A** 12V  
**1 800 A** 24V ★

026285



30 Ah + 30 Ah **1V/C**  
INSIDE 1300 A (12 V)  
1200 A (24 V)

**STARTPACK PRO 12.24**  
**6 200 A** 12V  
**3 100 A** 24V ★★ ★

026346



Fuses 200 A x 2  
**054547**

**EXIDE**  
TECHNOLOGIES  
HIGH QUALITY BATTERIES

50 Ah + 50 Ah **1V/C**  
INSIDE **SPIRAL TECHNOLOGY**  
1600 A (12 V)  
1400 A (24 V)

**STARTPACK PRO 12.24 XL**  
**8 500 A** 12V  
**4 250 A** 24V ★★ ★ ★

026711



**STANDARD**  
**STANDARD CABLES**  
1000 A - 70 mm<sup>2</sup> - 2 m 026797  
1000 A - 70 mm<sup>2</sup> - 4 m 026827



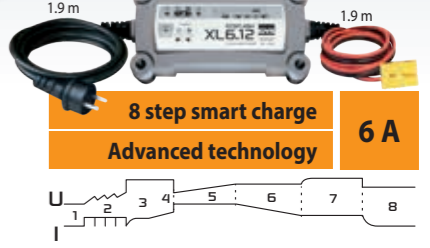
**NATO**  
**NATO CABLES**  
2 m - 50 mm<sup>2</sup>  
026803  
**NATO CONNECTOR**  
026780  
NATO ID / NCAGE :  
F8154 / CG730



## SMART STARTER MANAGEMENT SYSTEM



**INCLUDED**  
GYSFLASH XL 6.12



**8 step smart charge**  
**Advanced technology** **6 A**



Après chaque utilisation  
After each use  
Nach jeder Anwendung

	12V				24V				Protection	Power out	Fuse	Fuse	Cables	Dimensions	Weight
	Inside	1V/C	Cranking CC	Peak Battery	CHARGER INSIDE	OK	Memory	Fuse							
<b>GYSPACK 650</b>	16 Ah	12V 640 A	1200 A	1800 A	•	•	•	•	12V DC	15 A	200 A	2 x 1,4 m ø 25 mm <sup>2</sup>	33 x 15 x 32 cm	35 x 24 x 36 cm	12 kg
<b>GYSPACK 810</b>	30 Ah	12V 830 A	1700 A	3100 A	•	•	•	•	12V DC	15 A	2 x 200 A	2 x 1,8 m ø 35 mm <sup>2</sup>	33 x 15 x 32 cm	35 x 24 x 36 cm	16 kg
<b>STARTPACK 12.24</b>	2 x 16 Ah	12V 900 A	1700 A	3600 A	•	•	•	•	—	20 A	2 x 200 A	2 x 1,8 m ø 35 mm <sup>2</sup>	34 x 18 x 49 cm	35 x 22 x 57 cm	22 kg
<b>STARTPACK PRO 12.24</b>	2 x 30 Ah	12V 1300 A	2400 A	6200 A	•	•	•	•	—	20 A	2 x 200 A	2 x 2 m ø 50 mm <sup>2</sup>	N/A	63 x 39 x 30 cm	34 kg
<b>STARTPACK PRO 12.24 XL</b>	2 x 50 Ah	12V 1600 A	3000 A	8500 A	•	•	•	•	—	—	300 A	2 x 2 m ø 70 mm <sup>2</sup>	106 x 32 x 35 cm	112 x 35 x 43 cm	68 kg

**12V**  
**Recommendation**  
>> 80 Ah > 120 Ah  
Icons: car, van, tractor, truck

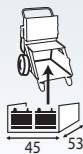
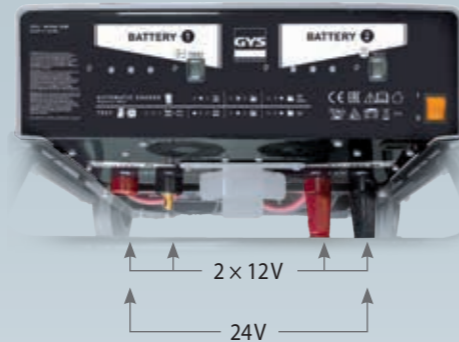
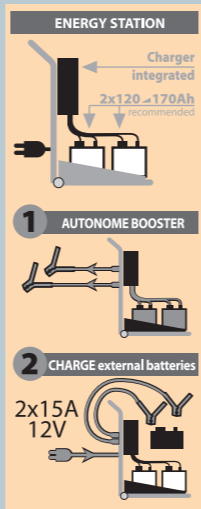
**GYSPACK 650**  
**GYSPACK 810**

**24V**  
**Recommendation**  
>> 100 Ah >> 200 Ah  
Icons: truck, excavator, bus, train, plane, helicopter

**STARTPACK 12.24**  
**STARTPACK PRO 12.24**  
**STARTPACK PRO 12.24 XL**

**ENERGY STATION**  
**12/24V**

026148



Batteries non fournies  
Batteries not provided  
Ohne Batterie geliefert



<b>i</b> Recommendation											Charge External batteries
	<b>ENERGY STATION</b>	<b>12V 24V</b>									

<b>START</b>	CHARGE		Moyen / Average (EN 60335)	Efficace / RMS	Fuse	↑	☐	⚖	📏	
	12V	24V								
selon batteries /according to battery /je nach Batterie	•	•	35 > 225 Ah	2 x 15 A	2 x 22 A	2 x 30 A	70 x 62 x 92 cm	80 x 53 x 28 cm	37 kg + batteries	2 x 2,5 m - ø 35 mm <sup>2</sup>

**SELECT THE RIGHT BOOSTER**  
CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

12 V						
GYSPACK AUTO/400	GYSPACK AIR	GYSPACK 600	GYSPACK PRO	GYSPACK 650	GYSPACK 750	GYSPACK 810
026230 / 025455	026322	027336	026155	026254	026179	026278

12-24 V				
GYSPACK TRUCK/ TRUCK MOBILE	STARTPACK 12.24	STARTPACK PRO 12.24	STARTPACK PRO 12.24 XL	ENERGY STATION
025448 / 026025	026285	026346	026711	026148

START	12 V							12-24 V				12 V	
	1V/C	480 A	480 A	550 A	600 A	640 A	750 A	830 A	750 (12 V)	900 A (12 V)	1300 A (12 V)		1600 A (12 V)
CC	900 A	900 A	1050 A	1100 A	1200 A	1450A	1700 A	1450 A (12 V)	1700 A (12 V)	2400 A (12 V)	3000 A (12 V)	1400 A (24 V)	?
	PEAK	1250 A	1250 A	1750 A	1750 A	1800 A	2500 A	3100 A	3200 A (12 V)	3600 A (12 V)	6200 A (12 V)	8500 A (12 V)	
Ah	18 Ah	18 Ah	22 Ah	22 Ah	16 Ah	28 Ah	30 Ah	2 x 22 Ah	2 x 16 Ah	2 x 30 Ah	2 x 50 Ah	2 x 15A	
					EnerSys	EnerSys	EnerSys	EnerSys	EnerSys	EnerSys	EXIDE TECHNOLOGIES		
SPIRAL TECHNOLOGY													
ON/OFF												automatic	
TEST OK													
Environment	outside 0,5 A	outside 0,5 A	outside 0,5 A	outside 0,5 A	inside 2,5 A	outside 2 A	inside 2,5 A	outside 2 A	inside 7 A	inside 7 A	outside 6 A	inside 2x15A	
	W2	W2	W2	W2	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	
Input	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC					
Light													
Dimensions	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>	1,4 m ø25 mm <sup>2</sup>	1,3 m ø25 mm <sup>2</sup>	1,8 m ø35 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 ø35 mm <sup>2</sup>	
Weight	26x10x29	33x17x37	26x10x29	35x14x37	33x15x32	35x19x40	33x15x32	37x20x46/30x23x57	34x18x49	63x39x30	112x35x43	70x62x92	
Weight	6,5 kg	8,5 kg	6,5 kg	9 kg	12 kg	13,5 kg	16 kg	18/21 kg	22 kg	34 kg	68 kg	37 kg +	



ATTENTION HORS UTILISATION  
Laisser le chargeur branché en permanence.

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

ACHTUNG AUSSER BETRIEB  
Ladegerät dauernd angeschlossen lassen.

ATTENTION CUANDO ESTA APAGADO  
Dejar el cargador conectado permanentemente.

OPGELET BUITEN GEBRUIK  
Laat de lader onafgebroken aangesloten.

★ **MINI PRO**

★★★ **PRO**

★★★★★ **UNIVERSAL PRO**





# TESTERS TRADITIONAL

**TBP 100**  
 12V 20 > 100 Ah



**TBP 500**  
 12V 10 > 160 Ah



# TESTERS ELECTRONIC

**BT 001**  
 12V 7 > 230 Ah



**NBT 100**  
 12V 20 > 150 Ah



**NBT 200**  
 12V 20 > 150 Ah  
 + alternator



# TESTERS DIGITAL

**DBT 300**  
 12V 4 > 150 Ah



**DBT 400**  
 6/12V 7 > 230 Ah



# TESTERS ELECTRONIC & PRINTER

**PBT 550**  
 12V 30 > 200 Ah  
 + alternator (12V)



**PBT 600**  
 12V 30 > 200 Ah  
 + alternator (12/24V)



TBP/BT=Tester Battery NBT=Numeric Battery Tester DBT=Digital Battery Tester PBT=Print Battery Tester

	BATTERY A	BATTERY V	TEST		CHARGING & STARTING SYSTEM VEHICLE	PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	SIZE	WEIGHT		
			START/STOP ENGINE	EFB									
MADE IN P.R.C.	TBP 100 traditional	6-12V	20 > 100 Ah	•	•	12V	—	—	5/10s	15 min	—	16x1.8x30 cm	1.5 kg
	TBP 500 traditional	12V	10 > 160 Ah	•	•	12V	—	—	15s	15 min	—	27x26x13 cm	3.75 kg
	BT 001 electronic	12V	7 > 230 Ah	—	•	12V	—	LED	1s	instant	—	3x12x1.5 cm	0.29 kg
	NBT 100 electronic	12V	20 > 150 Ah	•	min 7V	—	—	•	1s	instant	—	7x1.5x12 cm	0.25 kg
MADE IN TAIWAN	NBT 200 electronic	12V	20 > 150 Ah	•	min 7V	12V	—	•	1s	instant	—	7x1.5x12 cm	0.25 kg
	DBT 300 electronic	6-12V	4 > 150 Ah	•	min 4,5 V	12V	—	rétro-éclairé /back-lit	1s	instant	—	12x7.9x22.7 cm	0.25 kg
	DBT 400 electronic	6-12V	7 > 230 Ah	•	min 1,5 V	12 / 24 V	—	rétro-éclairé /back-lit	1s	instant	•	11.5x5x19cm	0.8 kg
MADE IN P.R.C.	PBT 550 electronic	12V	30 > 200 Ah	•	min 6V	12V	•	rétro-éclairé /back-lit	1s	instant	•	55x25 cm	0.55 kg
	PBT 600 electronic	12V	30 > 200 Ah	•	min 8V	12 / 24 V	•	rétro-éclairé /back-lit	1s	instant	•	55x25cm	1.1 kg

i Recommendation	TEST		Circuit alternatif/ Alternator Circuit/ Lichtmaschinenchaltkreis	PRINT PAPER	LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL	VEHICLE TYPES				
	batteries/Battery/ Ladegeräte	6V 12V							12V	12V	12V	12V	12V
TBP 100 traditional	6V 12V	12V	12V	—	•	—	—	—	20 > 100 Ah				
TBP 500 traditional	12V	12V	12V	—	•	—	—	—	10 > 160 Ah				
BT 001 electronic	12V	12V	12V	—	•	•	•	•	7 > 230 Ah				
NBT 100 electronic	12V	12V	—	—	•	—	—	—	20 > 150 Ah				
NBT 200 electronic	12V	12V	12V	—	•	—	—	—	20 > 150 Ah				
DBT 300 electronic	12V	12V	12V	—	•	—	•	•	4 > 150 Ah				
DBT 400 electronic	6V 12V	12V 24V	12V 24V	—	•	•	•	•	7 > 230 Ah				
PBT 550 electronic	12V	12V	12V	•	•	•	•	•	30 > 200 Ah				
PBT 600 electronic	12V	12V	12V 24V	•	•	•	•	•	30 > 200 Ah				

# TESTERS ELECTRONIC & PRINTER

# CONNECTED TESTERS ELECTRONIC & PRINTER

## BT551 START-STOP DHC

6/12 V 7 > 230 Ah  
+ alternator

055452



10 LANGUAGES -  
SPRACHEN



ALL BATTERIES



x2 (included)  
056220

## BT2010 START-STOP DHC

6/12 V 7 > 230 Ah  
+ alternator

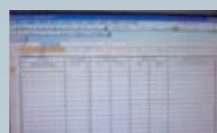
055339



9 LANGUAGES -  
SPRACHEN



ALL BATTERIES



GESTION LOGICIELLE DE LA BATTERIE  
BATTERY MANAGEMENT SOFTWARE  
SOFTWARE BATTERIE MANAGEMENT



Clamps  
056510

M/F plug

x1 (included)  
056237

Standard  
57 mm (W)

## PBT 700

12 V 7 > 230 Ah  
+ alternator

024229



10 LANGUAGES -  
SPRACHEN



ALL BATTERIES



NEW  
03/2019

x1 (included)  
056237

Standard  
57 mm (W)

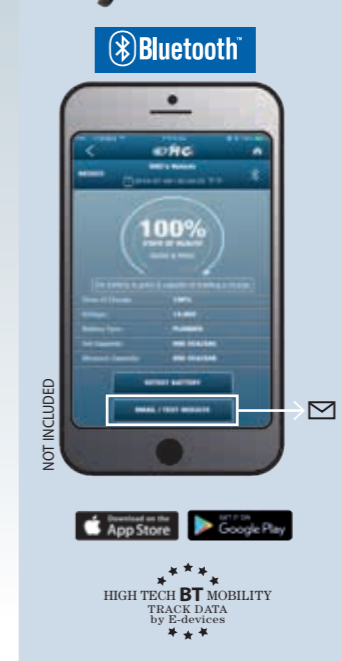
## BTW 300 DHC

6/12 V 7 > 230 Ah  
+ alternator

056664



ALL BATTERIES



NOT INCLUDED

Bluetooth



Download on the  
App Store

GET IT ON  
Google Play

HIGH TECH BT MOBILITY  
TRACK DATA  
by E-devices

## BATTERY MONITOR - Indicateur de charge sans fil - Wireless battery monitor

024212



Download on the  
App Store

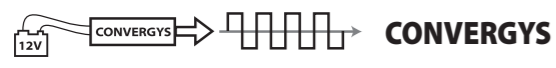
GET IT ON  
Google Play

Languages	GB	FR	DE	IT	ES	PT	CZ	NL	PL	RU	TR
DBT 300											
DBT 400											
PBT 550											
PBT 600											
BT 551											
BT 2010											
PBT 700											

	BATTERY		TEST		PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	SIZE	WEIGHT
	A	V	CHARGING & STARTING SYSTEM VEHICLE	V						
<b>BT 551 DHC electronic</b>	6-12 V	7 > 230 Ah	• min 1,5 V	12/24 V	•	rétro-éclairé /back-lit	1s instant	•	11x4x19,5 cm	0,4 kg
<b>BT 2010 DHC electronic</b>	6-12 V	7 > 230 Ah	• min 1,5 V	12/24 V	•	rétro-éclairé /back-lit	1s instant	•	13x6,4x25,1 cm	0,7 kg
<b>PBT 700 electronic</b>	12 V	7 > 230 Ah	• min 8 V	12/24 V	•	rétro-éclairé /back-lit	1s instant	•	23,5x10,2x6,8	0,7 kg
<b>BTW 300 DHC electronic</b>	6-12 V	7 > 230 Ah	• min 1,5 V	12/24 V	—	—	1s instant	•	10x3x7 cm	0,33 kg
<b>BATTERY MONITOR</b>	12-24 V	7 > 230 Ah	— min 7 V	12/24 V	—	—	1s instant	—	6,5x5x1,5 cm	0,1 kg

Recommendation	TEST		PRINT PAPER	LIQUID	START/STOP ENGINE	EFB	AGM VRLA/GEL	VEHICLE TYPES				
	batteries/Battery/Ladegeräte	Circuit alternateur/Alternator Circuit/Lichtmaschinenkreis						Motorcycle	Car	Van	Truck	Tractor
<b>BT 551 DHC electronic</b>	6V 12V	12V 24V	•	•	•	•						7 > 230 Ah
<b>BT 2010 DHC electronic</b>	6V 12V	12V 24V	•	•	•	•						7 > 230 Ah
<b>PBT 700 electronic</b>	12V	12V 24V	•	•	•	•						7 > 230 Ah
<b>BTW 300 DHC electronic</b>	6V 12V	12V 24V	—	•	•	•						
<b>Battery monitor</b>	12V 24V	12V 24V	—	•	•	•						7 > 230 Ah

Available in UK socket



**CONVERGYS 150** 12 V



027022  
027039

**CONVERGYS 300** 12 V



027053  
027046



**PSW 6042U** 12 V

**PSW 6043U** 12 V

**PSW 6047U** 12 V



027121

027176

027206



**PSW 600W-12** 12 V

**PSW 1000W-12** 12 V

**PSW 1500W-12** 12 V



027275  
027343

027282  
027350

027299  
027367

NEW 03/2019

NEW 03/2019

NEW 03/2019



Included PSW 600W, 1000W, 1500W



**PSW 6047U** 24 V



027251



**PSW 1500W-24** 24 V



027305  
027374

NEW 03/2019



**MSW 82 000** 24 V



027237  
027244



CONVERGYS 150	150W
CONVERGYS 300	300W
PSW 6042U	400W
PSW 6043U	600W
PSW 6047U 12V	1500W
PSW 600W-12	600W
PSW 1000W-12	1000W
PSW 1500W-12	1500W
PSW 6047U 24V	1500W
PSW 1500W-24	1500W
MSW 82 000	2 000W

ex. 12V • 100Ah	48h	16h	10h	8h	5h30	4h	2h45	2h45	1h20	0h30	0h20
-----------------	-----	-----	-----	----	------	----	------	------	------	------	------

Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2.1) DC	max 150W	clips	Universal	Weight
CONVERGYS 150	150W	300W	—	90,5%	12V 230V	5V - 2 A	•	•	•	6 × 10 × 5 cm, 0,5 kg
CONVERGYS 300	300W	600W	—	85%	12V 230V	5V - 2 A	•	•	•	10 × 15 × 6 cm, 0,95 kg
PSW 6042U	400W	800W	•	85%	12V 230V	5V - 2 A	•	•	•	18 × 18 × 7 cm, 1,2 kg
PSW 6043U	600W	1200W	•	85%	12V 230V	5V - 2 × 2 A	—	•	•	18 × 20 × 7 cm, 2,1 kg
PSW 6047U 12V	1500W	3000W	•	85%	12V 230V	5V - 2 × 2 A	—	—	•	18 × 31 × 7 cm, 3,5 kg
PSW 600W-12	600W	1200W	•	85%	12V 230V	5V - 2 A	—	—	•	23 × 31 × 15 cm, 2,2 kg
PSW 1000W-12	1000W	2000W	•	85%	12V 230V	5V - 2 A	—	—	•	23 × 39 × 15 cm, 3,4 kg
PSW 1500W-12	1500W	3000W	•	85%	12V 230V	5V - 2 A	—	—	•	23 × 39 × 15 cm, 3,6 kg
PSW 6047U 24V	1500W	3000W	•	85%	24V 230V	5V - 2 A	—	—	•	26 × 19 × 9 cm, 3,5 kg
PSW 1500W-24	1500W	3000W	•	85%	24V 230V	5V - 2 A	—	—	•	23 × 39 × 15 cm, 3,6 kg
MSW 82 000	2000W	4000W	•	80%	24V 230V	5V - 2 A	—	cables	•	35 × 20 × 9,8 cm, 5,8 kg

Conversion Chart / Table  
horse power to watts  
watts to horse power

hp = W	W = hp
0,1 = 73,5	100 = 0,1360
0,2 = 147,1	200 = 0,2719
0,3 = 220,6	300 = 0,4079
0,4 = 294,2	400 = 0,5438
0,5 = 367,7	500 = 0,6798
1 = 735,5	1000 = 1,3596
2 = 1471,0	2000 = 2,7192
3 = 2206,5	3000 = 4,0789
4 = 2942,0	4000 = 5,4385



ACCESSORIES

**HIGH FLEXIBILITY ELECTRICAL CABLES**

	↔ L			A (60%)	A (35%)
10 mm <sup>2</sup>	100 m	054882	054875	88	92
16 mm <sup>2</sup>	100 m	054905	054899	120	130
25 mm <sup>2</sup>	100 m	054929	054912	164	184
35 mm <sup>2</sup>	100 m	054943	054936	210	240
50 mm <sup>2</sup>	100 m	054967	054950	273	320
70 mm <sup>2</sup>	50 m	—	056565	310	380

**CABLES EN 60246-5/H01N2-D (Caoutchouc - Rubber)**

	↔ L		A (60%)	A (35%)
50 mm <sup>2</sup>	100 m	046801	273	320
	≲ x m	046757		
70 mm <sup>2</sup>	≲ x m	046832	348	417
95 mm <sup>2</sup>	≲ x m	046863	430	525

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

<b>40 A</b> (Blister) 053106	<b>60 A</b> 055537 055520	<b>200 A</b> 053502 053403	<b>300 A</b> 053700 053601	<b>600 A</b> 053779 053786	<b>650 A</b> 055551 055544	<b>850 A</b> 053816 053793	<b>300 A</b> 50 mm <sup>2</sup> 038059	<b>600 A</b> 95 mm <sup>2</sup> 038066
------------------------------------	------------------------------	-------------------------------	-------------------------------	-------------------------------	-------------------------------	-------------------------------	--	--

**COSES BATTERIE - Battery Terminal - Polklemmen - Terminales batería - Accupool - Terminais de bateria - Πόλος πλατάριας - Контакты аккумуляторной - батареи - 电池端子**

	φ 10 mm / 35 mm <sup>2</sup>	φ 13 mm / 50 mm <sup>2</sup>	φ 16 mm / 70 mm <sup>2</sup>
054400			
+	x25 054431	x25 054332	x25 054417
-	x25 054448	x25 054349	x25 054424

**COSES - Cable lugs - Terminal Kabelschuhe - Kabelschoen**

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
75 mm <sup>2</sup>	M16 ×10	038257
125 mm <sup>2</sup>	M15 ×5	038264

**FUSIBLES - Fuses - Sicherungen - Fusibles - Zekeringen - Fusíveis - Ασφάλειες - Плавкие предохранители - 保险丝**

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

**Quick Connector φ 10 mm / 50 mm<sup>2</sup> I max = 1000 A 054455**



**PROTECTION ANTI-ARC 12V - Anti-arc protection 12V - Lichtbogenschutz 12V - Protección anti-arco 12V - Πίεξspanningsbeveiliging 12V - Protecção anti-faixa 12V - Αντι-σπινθηρική προστασία 12V - Защита против дуги 12В - 12V 抗电弧保护**



**POIGNÉE PORTE-BATTERIE AJUSTABLE - Adjustable batterie carrier - Einstellbarer Batteriehalter - Porta-baterias ajustable - Переноска для аккумулятора**



**PÈSE ACIDE ANTIGEL - Acidimeter (PH Meter) - Säure/Frostschutzmittel-Tester - Acido densimetro anticongelante - Zuurwegger - Medidor de PH (ácido) - Μετρητής οξύτητας (PH) - Ацидиметр (рН-метр) - 防冻酸度计**



JUMPER CABLES

**INSULATED CLAMPS & LED**

056381	500 A	ESSENCE BENZINE PETROL 5,5l	DIESEL 4,5l	3,5 m	25 mm <sup>2</sup>
--------	-------	-----------------------------	-------------	-------	--------------------

**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

056206	320 A	3 m	16 mm <sup>2</sup> (CCA)
564015	500 A	3 m	25 mm <sup>2</sup> (CCA)
056404	700 A	4,5 m	35 mm <sup>2</sup> (CCA)
056190	1000 A	4,5 m	50 mm <sup>2</sup> (100% Cu)
056602	1000 A	5,1 m	50 mm <sup>2</sup> (100% Cu)

**PINCES ISOLÉES - INSULATED CLAMPS - ISOLIERTE KLEMMEN - Pinzas aisladas**

• Garras aisladas • Geïsoleerde klemmen • Μονωμένοι ακροδέκτες • Изолированные зажимы • 绝缘充电夹 ιοίορι

056312	200 A	ESSENCE BENZINE PETROL 1,5l	DIESEL	2,8 m	10 mm <sup>2</sup>	DIN 72553
056329	320 A	2,5l		3 m	16 mm <sup>2</sup>	
056336	500 A	5,5l	3l	3,5 m	25 mm <sup>2</sup>	
056343	700 A	7l	4l	4,5 m	35 mm <sup>2</sup>	
056558	1000 A	7l	4l	4,5 m	50 mm <sup>2</sup>	

**PINCES ISOLÉES - INSULATED CLAMPS - ISOLIERTE KLEMMEN - Pinzas aisladas - Garras aisladas**

• Geïsoleerde klemmen • Μονωμένοι ακροδέκτες • Изолированные зажимы • 绝缘充电夹 ιοίορι

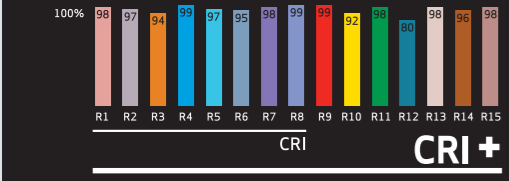
056541	700 A	4,5 m	35 mm <sup>2</sup>
056619	1000 A	5 m	50 mm <sup>2</sup>

PRO INSULATED CLAMPS SUPER PRO

**Recommendation**

	Tractor	Caravan	Motorcycle	Motorboat	Car	Van	Truck	Bus	Boat	Ø CU	≈ Ø CU
056374											
056381											
056206											
056015											
056404											
056190											
056602											
056312											
056329											
056336											
056343											
056558											
056541											
056619											

Contrôle des couleurs - Detailing & colour match - Farbanpassung & Aufbereitung



2 COLORS  
4500 - 6500 K

**250-500 lumens**  
**SUNMATCH 2**  
COB LED, 96 CRI+, 550-1100 lux  
3.7 V - 2600 mAh Li-ion, USB charg.  
operating time:  
High position: 1 h, Low position: 2 h  
IP 65  
178 x 102 x 76 mm, 300 g  
057777



5 COLORS  
2500-3500-4500-5500-6500 K

**250-500 lumens**  
**SUNMATCH 3**  
COB LED, 96 CRI+, 700-1400 lux  
3.7 V - 2600 mAh Li-ion, USB charging  
operating time:  
High position: 2 h, Low position: 4 h  
IP 65  
204 x 89 x 81 mm, 270 g  
061651



4500 K  
400 lumens

**SUNCOLOR 1**  
COB LED, CRI > 95, 1100 lux  
3.7 V - 2600 mAh Li-ion, USB charging  
operating time: 4.5 h  
190 x 56 x 29 mm  
290 g  
IP 65  
058477



3 COLORS  
2700 - 4500 - 6500 K

**350-420-450 lumens**  
**SUNCOLOR 3**  
COB LED, 96 CRI+  
3.7 V - 2600 mAh Li-ion  
micro USB charging (4 h)  
operating time: 2.5/4 h  
IP 65  
190 x 56 x 29 mm, 290 g  
060838



5 COLORS  
2700 - 3500 - 4500 - 5500 - 6500 K

**500-1000-2000 lumens**  
**SUNCOLOR 5**  
COB LED, 96 CRI+  
11.1 V - 4400 mAh Li-ion  
charger 110/240 V, 5 m cable, 15 V, 1.5 A  
charging time: 3.5 h  
operating time:  
High position: 2 h, Mid: 4 h, Low: 8 h  
IP 65  
225 x 200 x 70 mm, 1.2 kg  
060876



**100-280 lumens**  
3 W COB LED  
80 CRI+  
6500 K  
NEW 03/2019  
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

**100-250 lumens (x3)**  
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**  
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

**200-400 lumens**  
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

**50>500 lumens**  
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  
NEW 03/2019  
FLEXIBLE

**250-600 lumens**  
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  
NEW 03/2019

**0:600 lumens**  
COB LED  
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  
120 lumens  
charge indicator  
360°

**120-200 lumens**  
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  
NEW 03/2019

**60:1000 lumens**  
>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

**Projecteur LED sur trépied - LED worklight with tripod - LED-Arbeitsleuchte mit Standfuß**  
**800-1600 lumens**  
Li-ion  
Charging time: 3/4 h  
operating time  
Floodlight: 3 h  
Torch: 4 h  
Side light of the torch: 12 h  
3 modes together—2 h  
IP 44  
060890  
360°  
adjustable 1.2 m max

**1800 lumens**  
3x 55 COB LED  
total 165 LED  
1.8 m power cord  
059146  
adjustable 1.3 m max

**3000 lumens**  
35 W COB LED  
2 m power cord  
IP 44  
059979  
adjustable 1.5 m max

**4000 lumens**  
3x 20 COB LED,  
total 60 LED  
3 m power cord  
059986  
adjustable 2.3 m max  
2.3 m max

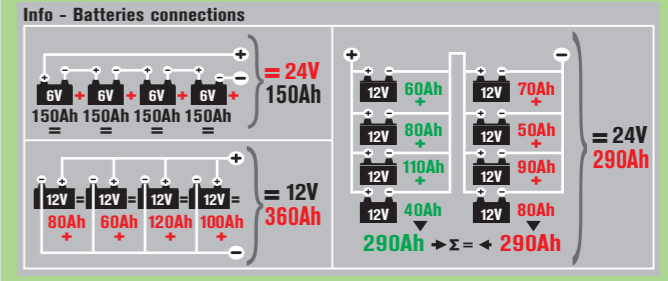
**Lampe sous capot - Under bonnet lamp - Leuchte für Motorhaube**  
**300-600 lumens**  
120 COB LED  
3.7 V - 4000 mAh Li-ion  
charging time: 10/12 h  
operating time  
High position: 1.5 h  
Low position: 3 h  
1.3 kg  
059962  
130 x 180 cm

**250-800 lumens**  
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

BATTERIES DE DÉMARRAGE - Automotive batteries - Starterbatterien - Baterías de arranque - Automotive accu's - Baterías de Automóvil - Μπαταρίες οχημάτων - Пусковые батареи - 汽车启动电池

	LIQUID	LIQUID	START/STOP	GEL	OPTIMA
	CALCIUM	Silver/AGMv	(A)	Sealed	maxXima
TRADITIONAL	★	★	★	★	★
W	UNIVERSAL	MAINTENANCE	HIGH TECH		
AUTOMATIC	★	★	★	★	★
W2	UNIVERSAL	MAINTENANCE	HIGH TECH		
WU	UNIVERSAL	MAINTENANCE	HIGH TECH		
WUoU	UNIVERSAL	MAINTENANCE	HIGH TECH		
AUTOMATIC FAST CHARGE	★	★	★	★	★
IWUoU	UNIVERSAL	MAINTENANCE	HIGH TECH		
REGULATED IYoU FAST CHARGE	★	★	★	★	★
IYoU	UNIVERSAL	MAINTENANCE	HIGH TECH		
FULL CONTROL HIGH TECH CHARGE	★	★	★	★	★
7/8 STEP	UNIVERSAL	MAINTENANCE	HIGH TECH		
5 STEP	UNIVERSAL	MAINTENANCE	HIGH TECH		
8 STEP	UNIVERSAL	MAINTENANCE	HIGH TECH		
Lithium Life:PO4	UNIVERSAL	MAINTENANCE	HIGH TECH		

**BATTERIES DE TRACTION - Traction batteries - Traktionsbatterien - Baterías de tracción - Tractieaccu's - Baterías de Tracção - Μπαταρίες ελξεως - Тяговые батареи - 牵引用铅酸蓄电池**  
**AUTOMATIC FAST CHARGE**  
**IUlo**  
TRACTION BATTERIES  
HIGH TECHNOLOGY  
5 STEP  
TRACTION BATTERIES  
HIGH TECHNOLOGY



**Kit solaire de maintien de charge - Solar powered charger - Solarpanel zur Laderhaltung - Kit solar de mantenimiento de carga - Солнечная панель для поддержания заряда в наборе с аксессуарами**  
029163

**DHC 54E STATION MULTICHARGE POUR BATTERIES - Multi charge station for batteries - Multi-Ladestation für Starterbatterien**  
Charge automatique - Automatic charge - Automatischer Ladevorgang  
4 x 5A 12V (liquid/gel)  
5 étapes - 5 steps - 5 Schritte  
Pulse/Boost/Egalisation/  
100%/Floating  
Maintenance/  
Zusatzhülenskit  
025097  
10 100 Ah



MADE IN FRANCE  
SINCE 1964

### FRANCE GYS France (HQ)

1, rue de la Croix des Landes  
CS 54159  
53941 Saint-Berthevin - Cedex  
Laval - France

Tel : +33 2 43 01 23 60  
E-mail : contact@gys.fr



ZI, 134 bd des Loges  
53941 Saint-Berthevin  
Laval - France

### GERMANY GYS Germany

Professor-Wieler-Straße 11  
52070 Aachen  
Deutschland

Tel : +49 241 / 189-23-710  
Fax : +49 241 / 189-23-719  
E-mail : aachen@gys.fr

### UNITED KINGDOM GYS UK

Unit 3  
Great Central Way  
Rugby - Warwickshire - CV21 3XH  
United Kingdom

Tel : +44 1926 338 609  
Fax : +44 1926 429 764  
E-mail : uk@gys.fr

### ITALY GYS Italia

Vega - Parco Scientifico Tecnologico di Venezia  
Via Delle Industrie, 25/4  
30175 Marghera - VE  
Italia

Tel : +39 041 53 21 565  
E-mail : italia@gys.fr

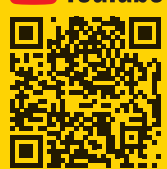
### CHINA GYS China

Lot N°15  
6666 bd Songze  
201706 Qingpu Shanghai  
China

Tel : +86 6221 4461  
Fax : +86 5226 0067  
www.gys-china.com.cn  
E-mail : contact@gys-china.com.cn

[www.gys.fr](http://www.gys.fr)

Videos



Téléchargez nos posters sur  
[www.gys.fr](http://www.gys.fr)

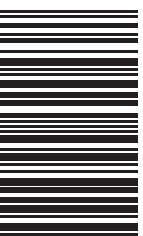


Linéaire de vente / GYS display /  
Verkaufsregal

060784



Distributed by



Document non contractuel. GYS se réserve le droit de modifier sans préavis les spécifications de ses appareils - Document not contractual.  
GYS reserves the right to modify the specifications of the machines without prior notice. Irrtümer und Änderungen vorbehalten.