

FRENCH MANUFACTURER
SINCE 1964



INVEST IN THE FUTURE



Chargers, Boosters & Starters

Catalogue Chargeurs • Batterieservicegeräte-Katalog • Catálogo de Cargadores

2017B

www.gys.fr

CHARGERS • BOOSTERS • STARTERS • TESTERS • JUMPER CABLES • 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 m²
 400 000 sqf



9



550+



110

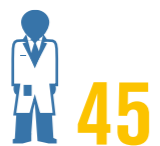


Partenaires • Partners • Partner • Socios comerciales • Partner • Partners



High tech R&D

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

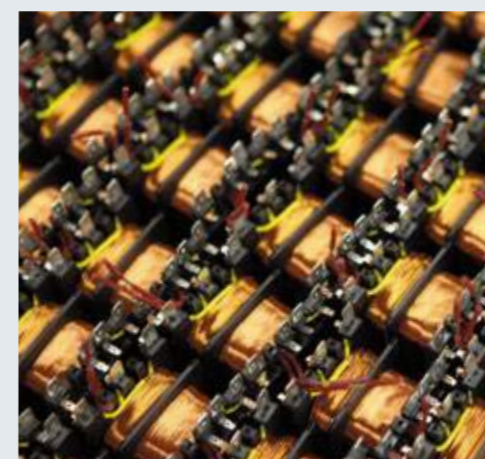
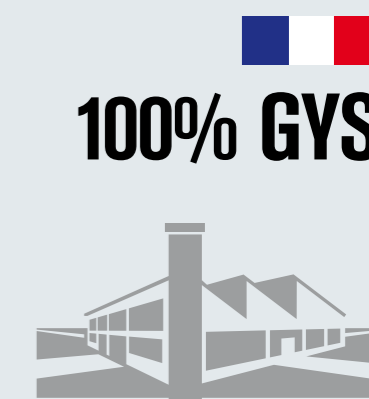


GYS Academy

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



CHARGERS TRADITIONAL



Autorestart memory

ENERGY : CHARGER

3 A 12V
ENERGY 124

023215
025141



4 A 12V
ENERGY 126

023222
025165



Fuse X10
10A
054530
15A
054493

Model	Code	Voltage	Power	Output	CHARGE			Fuse	Dimensions	Weight
					Reg	Efficace / RMS	Moyen / Average (EN 60335)			
ENERGY 124	023215	230V	70W	12V	—	4,5 A	3 A	10A	11,5 x 16 x 22 cm	2,2 kg
ENERGY 126	023222	230V	90W	12V	—	6 A	4 A	10A	11,5 x 16 x 22 cm	2,2 kg
TCB 60 automatic	023253	230V	85W	12V	2	6 A	2 - 4 A	10A	12 x 17 x 29 cm	2,7 kg
TCB 90 automatic	023260	230V	120W	12V	2	8 A	2 - 5,5 A	15A	12 x 17 x 29 cm	3,4 kg
TCB 120 automatic	023284	230V	150W	12V	2	10,5A	3,5 - 7 A	15A	12 x 17 x 29 cm	3,2 kg

CHARGERS AUTOMATIC



ALL BATTERIES



Autorestart memory



PATENTS REGISTERED NUMBERS
001652090-0001
EUROPEAN TRADEMARK & DESIGN

TCB 60 / 90 / 120

TCB : CHARGERS



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

Model	Voltage	Recommendation					CHARGER + TESTER	CONTROL
		Moped	Motorcycle	Car	Van	Truck		
ENERGY 124	12V			10 > 45 Ah			—	—
ENERGY 126	12V			15 > 60 Ah			—	—
TCB 60 automatic	12V			10 > 60 Ah			OK	OK
TCB 90 automatic	12V			15 > 90 Ah			OK	OK
TCB 120 automatic	12V			20 > 120 Ah			OK	OK


CHARGERS HF • INVERTER

0,75 A 6/12V
GYSTECH 750




024977

3,5/7 A 12/24V
GYSTECH 7000



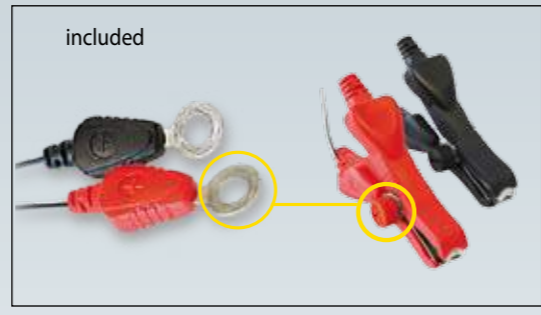
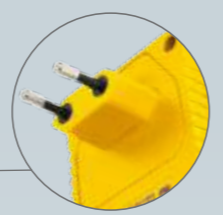
024953

COLD CHARGE

 < 0°C > 0°C


GO > 16V (24V)
> 4,5V (12V)




GO > 7,5V (12V)
> 3,75V (6V)



3,8 A 12V
GYSTECH 3800



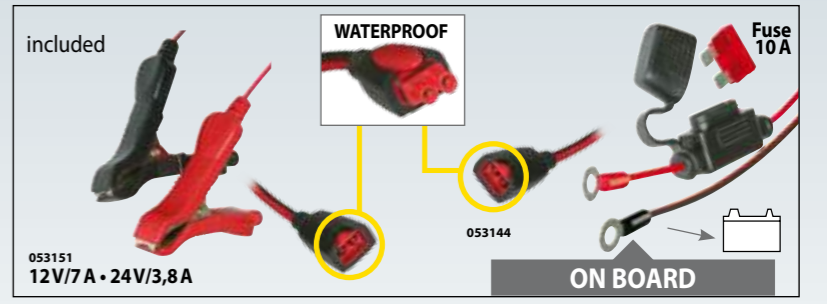
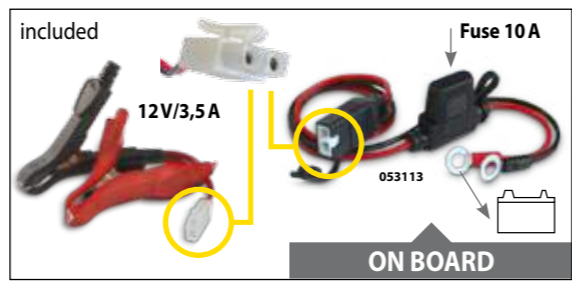
024939

COLD CHARGE

 < 0°C > 0°C

GO > 7,5V



OPTION
053137
Kit allume cigare /
Cigarette lighter adapter /
Adapterkit für Zigarettenzünder



Model	Voltage	Power	CHARGE		Recover	Fuse	Dimensions	Weight	Recommendation	
			I Charge (EN 60335)	Capacity					Supply 5 A 12V DC	IP
GYSTECH 750 024977	230V	16,5W	6/12V	0,75 A	—	—	12 x 16 x 24 cm	0,3 kg	1,2 > 20 Ah	60
GYSTECH 3800 024939	230V	60W	12V	0,8 - 3,8A	—	10A	10 x 27,5 x 26 cm	0,7 kg	Charge 1,2 > 60 Ah Maintenance 1,2 > 120 Ah	65
GYSTECH 7000 024953	230V	160W	12V 24V	7A 3,5A	•	10A	10 x 31 x 29 cm	1,3 kg	12V Charge 14 > 130 Ah / Maintenance 14 > 230 Ah 24V Charge 14 > 60 Ah / Maintenance 14 > 120 Ah	65

SMART CHARGERS HF • INVERTER

GO > 7V

0,8A 12V
ARTIC 800

I REGULATED IUoU FAST CHARGE p. 47

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

I REGULATED IUoU FAST CHARGE p. 47
COLD CHARGE < 0°C > 0°C

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

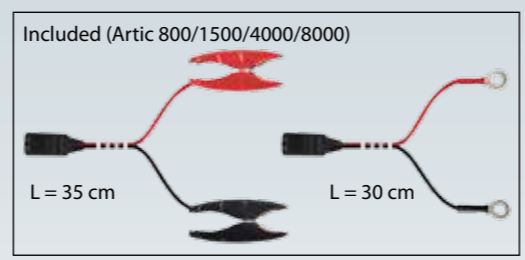
NEW 07/2017



1,5A 12V
ARTIC 1500

I REGULATED IUoU FAST CHARGE p. 47

GO > 7V



2A/8A 12V
ARTIC 8000

I REGULATED IUoU FAST CHARGE p. 47
COLD CHARGE < 0°C > 0°C

GO > 7V

NEW 07/2017



Model	Code	50/60 Hz	Power	CHARGE		FULL FUNCTIONS					Dimensions (cm)	Weight (g)
				V	A	Start	Temp	Reg	IP	Smart		
ARTIC 800	029569	230V	15W	12V	0,8A	•	—	•	—	—	130 x 65 x 38	33 g
ARTIC 1500	029576	230V	27W	12V	1,5A	•	—	•	—	—	152 x 70 x 40	41 g
ARTIC 4000	029583	230V	75W	6V	4A	•	•	•	•	•	193 x 80 x 52	64 g
				12V	1A							
ARTIC 4000	029583	230V	75W	12V	4A	•	•	•	•	•	193 x 80 x 52	64 g
				12V	4A							
ARTIC 8000	029590	230V	130W	12V	2/8A	•	•	•	•	•	220 x 96 x 59	95 g

Model	Voltage	Recommendation															IP
		Tractor	Generator	Motorcycle	ATV	Motorboat	Car	Van	Truck	Tractor	Generator	Motorcycle	ATV	Motorboat	Car	Van	
ARTIC 800	12V	Charge 1.6 > 25 Ah Maintenance 1.6 > 80 Ah															44
ARTIC 1500	12V	Charge 3 > 40 Ah Maintenance 3 > 100 Ah															65
ARTIC 4000	6V 12V	Charge 6V : 8 > 70 Ah - 12V : 2 > 70 Ah Maintenance 6V : 8 > 130 Ah - 12V : 2 > 130 Ah															65
ARTIC 8000	12V	Charge 4 > 160 Ah Maintenance 4 > 240 Ah															65

8A 12V
GYSFLASH 8.12

029385
029545



12 V
GO > 2V



12A 12V
GYSFLASH 12.12

029392
029552



1.9 m



1.9 m



ALL BATTERIES



6 / 12 / 24 V
GO > 2V

0,8/6A 6V 12V 24V
GYSFLASH 6.24

029460
029644



1.45 m 0.45 m 0.45 m

9A 6V 12V 24V
GYSFLASH 9.24

029477
029651



1.9 m



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.



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.

PATENTS REGISTERED NUMBERS
002280008 & 002279927
EUROPEAN TRADEMARK & DESIGN

	50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	Steps	Weight	Dimensions	SOS RECOVERY
GYSFLASH 8.12 029385 029545	220-240 V AC	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 x 100 x 52 mm	Automatic
GYSFLASH 12.12 029392 029552	220-240 V AC	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 x 111 x 58 mm	Automatic
GYSFLASH 6.24 029460 029644	220-240 V AC	130 W	0,8/6 A	6/12 V	1.2 < 125 Ah	1.2 < 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.85 kg	190 x 100 x 52 mm	Automatic
			4 A	24 V	15 < 100 Ah	15 < 140 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.85 kg	190 x 100 x 52 mm	Automatic
GYSFLASH 9.24 029477 029651	220-240 V AC	195 W	9 A	6/12 V	18 < 220 Ah	18 < 300 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	1.1 kg	221 x 111 x 58 mm	Automatic
			6 A	24 V	15 < 125 Ah	15 < 170 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	1.1 kg	221 x 111 x 58 mm	Automatic

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

029538

GO > 2V

NEW 06/2017

1.45 m 0.45 m 0.45 m

	50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	Steps	Weight	Dimensions	SOS RECOVERY
GYSFLASH 6 HERITAGE 029538	220-240 V AC	130 W	0,8/6 A	6/12 V	1,2 < 125 Ah	1,2 < 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	0.85 kg	190 x 100 x 52 mm	Automatic

CHARGERS TRADITIONAL



9A 12/24V
CT 160

024106
025325

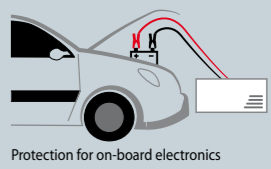
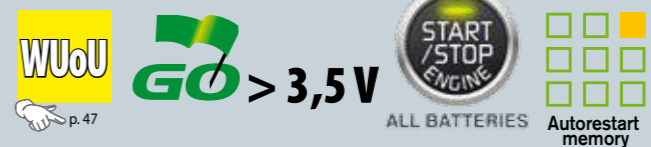


12A 12/24V
CT 210

024113
025349



CHARGERS AUTOMATIC



5A 6/12V
WATTMATIC 100

024823
025417



9A 6/12V
WATTMATIC 140

025608
025622

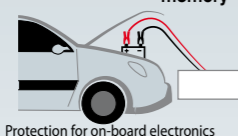


10A 6/12V
WATTMATIC 170

025615
025639



CHARGERS AUTOMATIC & MANUAL



10A 12/24V
CA 150

024434



25A 12/24V
CA 360

023185



Model	Code	Voltage	Power	CHARGE					Fuse	Dimensions	Weight	
				12/24V	Reg	Efficace / RMS	Moyen / Average (EN 60335) Reg 1	Boost 1				boost 2
CT 160	024106 025325	230V, 50/60 Hz	190W	12/24V	2	13,5A	7A	9A	—	15A	20,5 x 30 x 13,5 cm	3,9 kg
CT 210	024113 025349	230V, 50/60 Hz	260W	12/24V	2	18A	8A	12A	—	20A	22,5 x 33,5 x 14,5 cm	5,2 kg
CA 150 automatic	024434	230V, 50/60 Hz	500W	12/24V	2	18A	8A	10A	—	25A	33 x 26 x 14 cm	6 kg
CA 360 automatic	023185	230V, 50/60 Hz	920W	12/24V	3	37A	7A	15A	25A	50A	44 x 31 x 23 cm	14 kg

Model	12V	24V	Capacity Range
CT 160	12V	24V	(12V) 25 > 160 Ah (24V) 15 > 90 Ah
CT 210	12V	24V	(12V) 35 > 210 Ah (24V) 20 > 100 Ah
CA 150 automatic	12V	24V	35 > 150 Ah
CA 360 automatic	12V	24V	40 > 350 Ah

Model	Code	Voltage	Power	CHARGE					Fuse	Dimensions	Weight	
				6/12V	Reg	Efficace / RMS	Moyen / Average (EN 60335) Reg 1	Reg 2				
WATTMATIC 100 automatic	024823 025417	230V, 50 Hz	170W	6/12V	2	11.4A	3A	5A	—	10A	24 x 26 x 13 cm	3.8 kg
WATTMATIC 140 automatic	025608 025622	230V, 50 Hz	230W	6/12V	2	16.5A	5A	9A (boost)	—	15A	36 x 22 x 14 cm	4.8 kg
WATTMATIC 170 automatic	025615 025639	230V, 50 Hz	280W	6/12V	2	18.8A	6.5A	10A (boost)	—	20A	36 x 22 x 14 cm	5 kg

Model	6V	12V	Capacity Range
WATTMATIC 100 automatic	6V	12V	15 > 100 Ah
WATTMATIC 140 automatic	6V	12V	20 > 150 Ah
WATTMATIC 170 automatic	6V	12V	25 > 180 Ah



Fuse X10	Code	Capacity Range
10A	054530 (WATTMATIC 100)	15 > 100 Ah
15A	054493 (CT 160, WATTMATIC 140)	20 > 150 Ah
20A	054509 (CT 210, WATTMATIC 150 & 170)	25 > 180 Ah
25A	054516 (CA 150, WATTMATIC 180)	35 > 210 Ah
50A	054622 (CA 360)	40 > 350 Ah

7 A 6/12V
BATIUM 7/12

024496
024557
GO >2V



7 A 6/12/24V
BATIUM 7/24

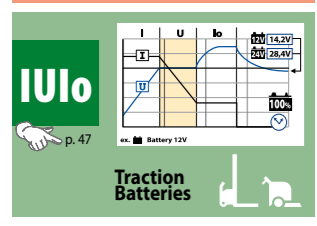
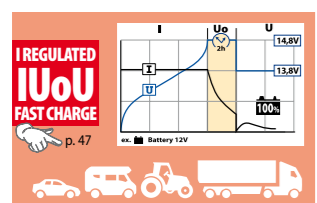
024502
024625
GO >2V



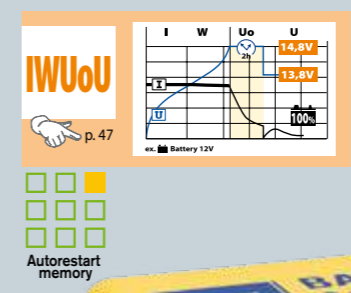
25 A 6/12/24V **SULPHATED BATTERIES SOS RECOVERY**

024533
024618
GO >0,5V

I REGULATED IUoU FAST CHARGE & **IUIo** Specific charge Traction batteries **2 in 1** +



SMART CHARGERS AUTOMATIC



Micro-processor control ALL BATTERIES Protection for on-board electronics **AUTO DETECT**

15 A 6/12V **SULPHATED BATTERIES SOS RECOVERY**

024519
024632
GO >0,5V



15 A 6/12/24V **SULPHATED BATTERIES SOS RECOVERY**

024526
024588
GO >0,5V



Fuse X10
15A (BATIUM 7/12 & 7/24)
054493
30A (BATIUM 15/12 & 15/24)
054523



Model	Code	Voltage	Power	Current	Eff. / RMS	CHARGE				Fuse	Dimensions	Weight	SOS RECOVERY	
						Moyen / Average (EN 60335)								
						Reg 1	Reg 2	Reg 3	boost					
BATIUM 7/12	024496	230V	105W	6/12V	2	11 A	3 A	—	7 A	15 A	21 x 34 x 13 cm	4,8 kg	—	
BATIUM 7/24	024502	230V	210W	6/12/24V	2	11 A	3 A	—	7 A	15 A	21 x 34 x 13 cm	5,7 kg	—	
BATIUM 15/12	024519	230V	225W	6/12V	3	22 A	7 A	10 A	—	15 A	30 A	21 x 36 x 14 cm	5,9 kg	•
BATIUM 15/24	024526	230V	450W	6/12/24V	3	22 A	7 A	10 A	—	15 A	30 A	21 x 36 x 14 cm	8,5 kg	•
BATIUM 25/24	024533	230V	1150W	6/12/24V	3	37 A	7 A	15 A	25 A	—	28 x 42 x 23 cm	13,4 kg	•	

Recommendation	Tractor	Car	Van	Truck	Tractor	Truck	Tractor	Truck
BATIUM 7/12	—	—	—	—	15 > 130 Ah	—	—	—
BATIUM 7/24	—	—	—	—	15 > 130 Ah	—	—	—
BATIUM 15/12	—	—	—	—	35 > 225 Ah	—	—	—
BATIUM 15/24	—	—	—	—	35 > 225 Ah	—	—	—
BATIUM 25/24	—	—	—	—	35 > 350 Ah	—	—	—

CHARGERS & BSU (BATTERY SUPPORT UNITS)

Homologations / Approvals /
Zulassungen:



GYSFLASH PRO : CHARGER & BSU

GYSFLASH PRO : CHARGERS & BSU

30 A 12 V PFC
GYSFLASH 30.12

029224 2,5 m 16 mm²

30 A 6/12/24V PFC
GYSFLASH 30.24

029231 2,5 m 6 mm²



10,5 cm

40 A 12 V FV PFC
GYSFLASH 40.12 FV

029064 2,5 m 10 mm²



10,5 cm

50 A 12 V PFC
GYSFLASH 50.12

029088 2,5 m 10 mm²

50 A 6/12/24V PFC
GYSFLASH 50.24

029095 2,5 m 10 mm²

029620 5 m 16 mm²



10,5 cm

Model	Part No.	Voltage	Length	Cable Area	Output Voltage	Power	Start Voltage	Current	Capacity	Temp	Traction	Dimensions	Weight	Recovery
GYSFLASH 30.12	029224	230V	2,5 m	6 mm ²	12V	540W	2V	30 A	10>400Ah	40°C/230V	—	25,5 x 23 x 10,5 cm	3,8 kg	●
GYSFLASH 30.24	029231	230V	2,5 m	10 mm ²	6V 12V 24V	540W	2V	30 A 30 A 15 A	10>400Ah 10>400Ah 10>200Ah	40°C/230V	●	25,5 x 23 x 10,5 cm	3,8 kg	●
GYSFLASH 40.12FV	029064	85>265V	2,5 m	10 mm ²	12V	750W	2V	40 A	10>500Ah	40°C/230V	—	30 x 29 x 10,5 cm	5,5 kg	●
GYSFLASH 50.12	029088	230V	2,5 m	10 mm ²	12V	1600W	2V	50 A	10>600Ah	40°C/230V	—	30 x 29,2 x 10,5 cm	5,5 kg	●
GYSFLASH 50.24	029095 029620	230V	2,5 m	10 mm ²	6V 12V 24V	1600W	2V	50 A	10>600Ah	40°C/230V	●	30 x 29,2 x 10,5 cm	5,5 kg	●
GYSFLASH 100.12	029071 029453	230V	2,5 m	16 mm ²	12V	1600W	2V	100 A	10>1200Ah	40°C/230V	—	32 x 29,2 x 10,5 cm	6,6 kg 7,5 kg	●
GYSFLASH 102.12	029606	230V	5 m	16 mm ²	12V	1600W	2V	100 A	20>1200Ah	40°C/230V	—	29,5 x 34,5 x 11,75 cm	8,2 kg	●

100 A 12 V PFC
GYSFLASH 100.12

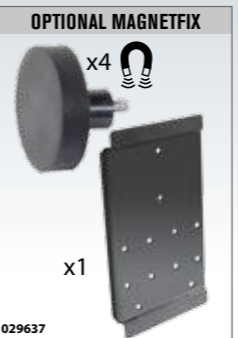
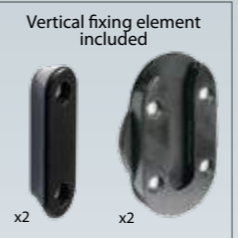
029071 2,5 m 16 mm²
029453 5 m 16 mm²



10,5 cm

100 A 12 V PFC
GYSFLASH 102.12

029606 5 m 16 mm²



34,5 cm

11,5 cm

29,5 cm

NEW
06/2017

MADE IN FRANCE

Fuse Kit x2
Gysflash 30 : 40 A 054646
Gysflash 40/50 : 80 A 054653
Gysflash 100/102 : 125 A 054585

Fuse x5
Gysflash 30 : 6,3 A 054578
Gysflash 40/50/100/102 : 10 A 056527



SHOW ROOM
CONNECT Ø M6

GYSFLASH PRO : CHARGING / DIAGNOSTIC / SHOW ROOM



GYSFLASH PRO : ACCESSORIES

VALISE DE CHANTIER / HEAVY-DUTY CASE / HARTSCHALENKOFFER

↓ 21 x 43 x 57 cm / 3.9 kg

IP67

060432

TABLETTE / WALL SUPPORT / WANDHALTERUNG

055513

EXTENSIONS CABLES

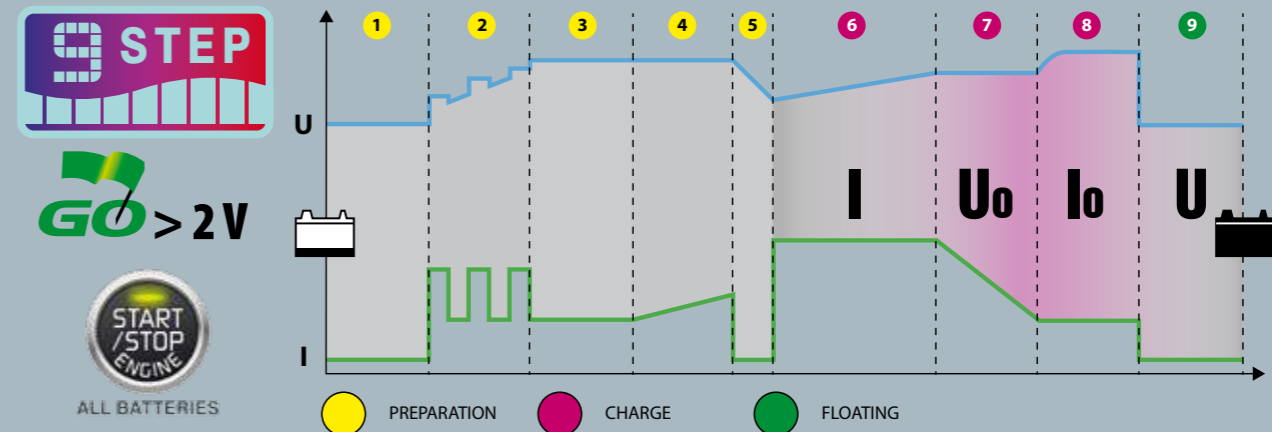
Gysflash 30/40/50/100/102
5 m - 16 mm²
054615

8 m - 16 mm²
056572

CHARIOT - TROLLEY - FAHRWAGEN

029491

GYSFLASH PRO : 9 STEP CHARGING CURVE



GYSFLASH PRO : MENU DESCRIPTION

FAN LESS TECHNOLOGY

MADE IN FRANCE

CHARGE 12V
LIQUID 70Ah

MODE SELECT START/STOP

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

EMC class B

Select mode
- Charge
- Diag / Diag +
- Showroom
- Change battery
- Power supply
- Configuration

Select parameters
- Voltage
- Capacity
- Battery type
- Language
...

Adjust values
- V
- Ah
- Liquid / Gel / Easy mode / Expert mode
...

CHARGE **DIAG +** **SHOWROOM** **CHANGE BATTERY** **POWER SUPPLY**

U₂ = ADJUSTABLE
I_{2 max} = ADJUSTABLE

GYSFLASH PRO 102.12 : MAGNETFIX OPTIONS

OPTION MAGNETFIX

x4

x1

029637

Scenario 1 - Fixed with screws

Scenario 2 - Partially fixed with screws

Scenario 3 - Fixed directly with magnet

Scenario 4 - Partially fixed with magnet

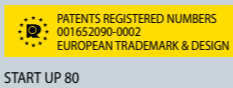
CHARGER AUTOMATIC & STARTER



p. 47



Autorestart memory



START UP 80

9/17 A 12V
START UP 80

024922
025127



3 in 1
= CHARGE + TEST + START

CHARGER & STARTER



p. 47



Autorestart memory

11 A 12V
START 200

025530



2 in 1
= CHARGE + BOOST / START

8/10 A 12/24V
START 300

025547



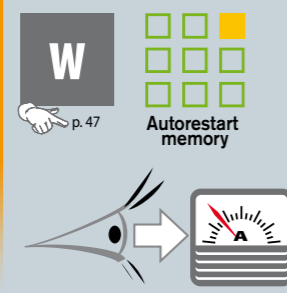
Fuses 50 A x 2 (Start 200)
054622
Fuses 80 A x 2 (Start 300)
054653

	50 / 60 Hz	CHARGE W	START kW	CHARGE						START		Fuse		
				Reg	Efficace / RMS	Moyen / Average (EN 60335)	Boost	min > max	1V/C	0V/C				
START UP 80 automatic	024922	025127	230V	12V	350	1	2	13,5-25 A	9 A	17 A	40>170 Ah	50 A	80 A	—
START 200	025530	230V	12V	390	1,4	3	15-25 A	11 A	18 A	53>240 Ah	80 A	120 A	50 A	
START 300	025547	230V	12V	800	3,6	3	13-36 A	10 A	23 A	42>300 Ah	100 A	165 A	80 A	
			24V	1200	3,6			8 A	17 A	38>224 Ah				

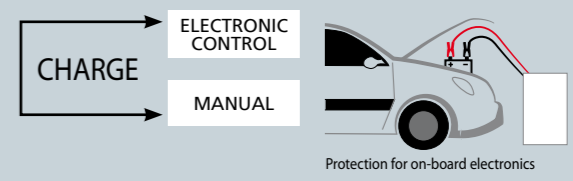
Recommendation	Vehicle Type						CHARGER + TESTER	CONTROL	Dimensions	Weight
	Motorcycle	ATV	Car	Van	Truck	Tractor				
START UP 80 automatic							OK	OK	12 x 18 x 32 cm	4,4 kg
START 200							—	—	37 x 26 x 18 cm	8,6 kg
START 300							—	—	40 x 33 x 23 cm	13,8 kg

instant
Precharge (=10 min)

TRADITIONAL STARTERS & CHARGERS



AUTOMATIC STARTERS & CHARGERS



25 A 12/24V
NEOSTART 320

025301
025509

45 A 12/24V
NEOSTART 420

025295
025479

60 A 12/24V
NEOSTART 620

025288
025486

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

025394



AUTOMATIC CHARGE

ELECTRONIC PROTECTION

POWER CONTROL



OVER PROTECTION VOLTAGE
AUTOMATIC CONTROL

included

TRI
400V
3ph

PRODUCT LINE



Fuses 150 A x 2 (Neostart 320)
054639

Fuses 200 A x 2 (Neostart 420 & 620)
054547

Fuses 200 A x 2 (Gystart 1224 T)
054547

	50/60 Hz	I ₁	CHARGE kW	START kW	CHARGE								START	
					Reg	Efficace / RMS	Moyen / Average (EN 60335)	Boost	Automatic	pos. Manual	min > max	1V/C	0V/C	
MADE IN GYS CHINA					3	40 A	10 A 9 A	40 A 30 A	—	•	20 > 700 Ah	160 A	270 A	—
					3	70 A	20 A	40 A	—	•	20 > 1000 Ah	300 A	420 A	—
					3	90 A	30 A	60 A	—	•	20 > 1350 Ah	360 A	620 A	—
MADE IN FRANCE					3	80 A	70 A	—	•	•	65 > 1350 Ah	780 A	1200 A	•

Recommendation	50 Ah > > > > 100 Ah > > > > 150 Ah > > > > 200 Ah > > 300 Ah	Instant Precharge (=10 min)	Dimensions	Weight
NEOSTART 420	12V 24V	47 x 32 x 27 cm	20,5 kg	
NEOSTART 620	12V 24V	47 x 32 x 27 cm	24 kg	
GYSTART 1224 T	12V 24V	42,5 x 34,5 x 71 cm	54,5 kg	

AUTOMATIC STARTERS & CHARGERS

IWUoU AUTOMATIC CHARGE = Batium
p. 47

SULPHATED BATTERIES AUTOMATIC RECOVERY

START/STOP ENGINE ALL BATTERIES

OVER PROTECTION VOLTAGE AUTOMATIC CONTROL

AUTOMATIC START

GO >1V

UNIVERSAL MODE (autoselection)



IWUoU AUTOMATIC CHARGE = Batium
p. 47

SULPHATED BATTERIES AUTOMATIC RECOVERY

START/STOP ENGINE ALL BATTERIES

OVER PROTECTION VOLTAGE AUTOMATIC CONTROL

AUTOMATIC START

GO >1V

UNIVERSAL MODE (autoselection)



TEST ALTERNATOR

TIMER

TEST ALTERNATOR

TIMER

TEST ALTERNATOR

TIMER

TEST ALTERNATOR

TIMER

35/50 mm²

BATTERY EXPERT

3 in 1 CHARGER, STARTER & BSU

TEST ALTERNATOR

TIMER

POWER SUPPLY DIAG+ 60A
U2 adjustable 12V > 15V

25 A 12/24V

STARTIUM 330E

026469

40 A 12/24V

STARTIUM 480E

026483
☎ : 025578

45 A 12/24V

STARTIUM 680E

026490
☎ : 025585

50 A 12/24V

STARTIUM 980E

026506

60 A 12V

DIAG STARTIUM 60-12

026513

60 A 6/12/24V

DIAG STARTIUM 60-24

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	Code	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	026469	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	026483 ☎ : 025578	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	026490 ☎ : 025585	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	026506	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	026513	230V	16A	12V	2	10	4	95 A	60 A	—	•	12 V : 20 > 900 Ah	310 A	440 A	•	•
DIAG STARTIUM 60-24	026520 ☎ : 025592	230V	16A	6/12/24V	2	10	4	95 A 65 A	40 A 60 A	—	•	6 V : 20 > 900 Ah 12 V : 20 > 900 Ah 24 V : 20 > 525 Ah	— 300 A 280 A	430 A 410 A	•	•

Model	Voltage	Current (A)	Recommendation				Dimensions (cm)	Weight (kg)
			50 Ah	100 Ah	150 Ah	200 Ah		
STARTIUM 330E	12V 24V	16A	•	•	•	•	43 x 26 x 26 cm	15 kg
STARTIUM 480E	12V 24V	16A	•	•	•	•	31 x 48 x 80 cm	26 kg
STARTIUM 680E	12V 24V	16A	•	•	•	•	31 x 48 x 80 cm	30 kg
STARTIUM 980E	12V 24V	16A	•	•	•	•	31 x 48 x 80 cm	36 kg
DIAG STARTIUM 60-12	12V	16A	•	•	•	•	48 x 35 x 90 cm	34 kg
DIAG STARTIUM 60-24	12V 24V	16A	•	•	•	•	48 x 35 x 90 cm	34 kg

BOOSTERS + POWER SUPPLY
12V DC



GYSPACK PLASTIC : BOOSTERS

GYSPACK PLASTIC : BOOSTERS

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

1 250 A 12V

GYSPACK AUTO / GYSPACK 400



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

1 250 A 12V

GYSPACK AIR



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

1 750 A 12V

GYSPACK PRO



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

2 500 A 12V

GYSPACK 750



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

3 200 A 12V
1 600 A 24V

STARTPACK TRUCK



WU included GYSPACK AUTO, GYSPACK 400, GYSPACK AIR, GYSPACK PRO
AUTOMATIC CHARGER
Power in 230V / 12V
054677
054660

p. 47

I REGULATED
IuOu
FAST CHARGE included GYSPACK 750, STARTPACK TRUCK
AUTOMATIC CHARGER
Power in 230V / 12V
054684
054691

FV FLEXIBLE VOLTAGE
100V - 240V

p. 47

230V
Après chaque utilisation
After each use
Nach jeder Anwendung

		START					ON/OFF	Power Supply	EXTERNAL Charge 230V	TEST OK	Weight
		Inside	1V/C	Cranking CC	Peak Battery						
GYSPACK AUTO/400	026230	18 Ah	12V	480 A	900 A	1250 A	—	—	—	33 x 14 x 35 cm	7 kg
GYSPACK AIR	026322 025431	18 Ah	12V	480 A	900 A	1250 A	•	•	4 bars	35,5 x 19,5 x 43 cm	10 kg
GYSPACK PRO	026155 026523	22 Ah	12V	600 A	1100 A	1750 A	•	•	—	34 x 20 x 43 cm	8,9 kg
GYSPACK 750	026179 026353	28 Ah	12V	750 A	1450 A	2500 A	•	•	2 x 200 A	36 x 20 x 43 cm	14 kg
STARTPACK TRUCK	025448 026339	2 x 22 Ah	12V 24V	750 A 650 A	1450 A 1300 A	3200 A 1600 A	•	•	1 x 300 A	38,9 x 22,5 x 50 cm	16 kg

Recommendation	Battery	50 Ah		100 Ah	
		Car	Van	Truck	Tractor
GYSPACK AUTO/400	12V				
GYSPACK AIR	12V				
GYSPACK PRO	12V				
GYSPACK 750	12V				
STARTPACK TRUCK	12V 24V				

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

054202
for GYSPACK AUTO,
GYSPACK 400,
GYSPACK AIR,
GYSPACK PRO,
GYSPACK 750,
STARTPACK TRUCK

Fuses 200 A x2
GYSPACK 750
054547

Fuse 300 A x2
STARTPACK TRUCK
054561

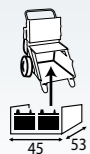
BOOSTER
TRUCK & BUS

CHARGER
AUTOMATIC X2

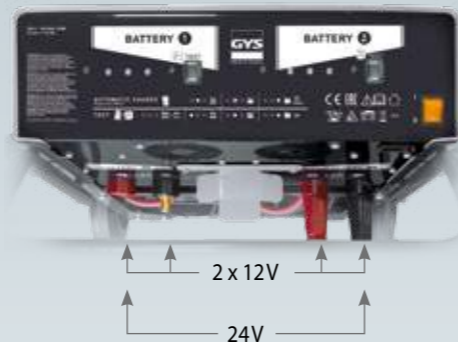
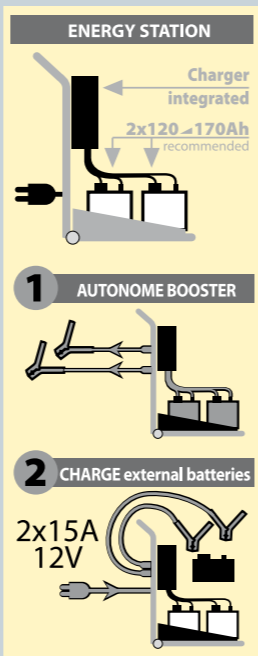


12/24V
ENERGY STATION

026148



Batteries non fournies
Batteries not provided
Ohne Batterie geliefert



Après chaque utilisation
After each use
Nach jeder Anwendung

ENERGY STATION	12V 24V								Charge External batteries
									OK

ENERGY STATION	026148	START	CHARGE		Moyen / Average (EN 60335)	Efficace / RMS	Fuse	Dimensions	Weight	Warranty	
			12V	24V							min > max
		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	36 kg + batteries	2 x 2,5 m - ø 35 mm ²

MEMORY
AUTO SAVE

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

GYSPACK OBD

054998
055001



OBD



Après chaque utilisation
After each use
Nach jeder Anwendung

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



CABLE OBD - Câble OBD - Kabel für OBD

054202

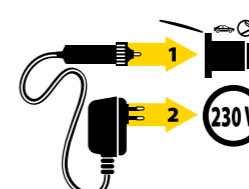
1,5 m
Fuse 7,5 A



MEMORY AUTO SAVE 230 V/12 V - Sauvegarde mémoire 230 V/12 V - Autosicherheitspeicher
230 V/12 V - Memorizador auto 230 V/12 V - Автосохранение памяти 230В / 12В - 230 V/12 V 记忆保护器

055018

230V/12V/500 mA



BOOSTERS LITHIUM

SPECIAL HOBBY - Utilisation non professionnelle
• Not professional use • privater Gebrauch.



200 A
NOMAD POWER 10



300 A
NOMAD POWER 15



350 A
NOMAD POWER 20

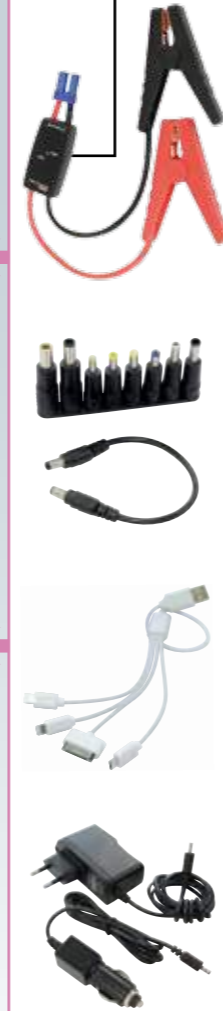


300 A 12V
400 A 24V
NOMAD POWER 12.24



INCLUDED
NOMAD POWER
10, 15, 15 AIR, 20
& 12.24

SMART CABLES
MULTI SECURITIES



BOOSTERS LITHIUM PRO



200 A
NOMAD POWER PRO 45



400 A
NOMAD POWER PRO 90



Model	Truck	Van	Motorcycle	Car	Boat	Other
NOMAD POWER 10						
NOMAD POWER 15						
NOMAD POWER 20						
NOMAD POWER 12.24						
NOMAD POWER PRO 45						
NOMAD POWER PRO 90						

INCLUDED NOMAD POWER PRO 45 & 90



OPTION (NOMAD POWER PRO 90)



SAFETY FEATURES :
Anti-short polarity
Anti-short circuit
Anti-reverse current



ONLY NOMAD POWER PRO :
Charging low temp. cut-off
Discharging low temp. cut-off
Over heat cut-off
Over discharged cut-off
Over charged cut-off

Model	Code	LITHIUM		START CURRENT	PEAK CURRENT	START	CABLE	SMART CABLES	INPUT
		CAPACITY/CELL	FULL CHARGE						
NOMAD POWER 10	026384 026537	4 Ah - 44.4 Wh	5 h	200 A	400 A	12 V, PETROL & DIESEL	12 V - 1 A	• MULTI SECURITIES	12V/1 A - 5V/1 A
NOMAD POWER 15	026377 026544	5 Ah - 55.5 Wh	5 h	300 A	600 A	12 V, PETROL & DIESEL	12 V - 1 A	• MULTI SECURITIES	14V/1 A
NOMAD POWER 20	026629 026650	6 Ah - 66.6 Wh	6 h	350 A	700 A	12 V, PETROL & DIESEL	12 V - 1 A	• MULTI SECURITIES	14V/1 A
NOMAD POWER 12.24	026636 026667	9 Ah - 99.9 Wh	10 h	300 A (12V), 400 A (24V)	600 A (12V), 800 A (24V)	12 V/24 V, PETROL & DIESEL	12 V - 1 A	• MULTI SECURITIES	12V/24 V/2 A
NOMAD POWER PRO 45	026391 026551	4.5 Ah - 49.95 Wh	4,5 h	200 A	400 A	12 V, PETROL & DIESEL (<3500 C.C.) (<2000 C.C.)	12 V - 1 A	•	12V/1 A
NOMAD POWER PRO 90	026438 026568	9 Ah - 99.9 Wh	9 h	400 A	800 A	12 V, PETROL & DIESEL (<6000 C.C.) (<3500 C.C.)	12 V - 1 A	•	12V/1 A

OUTPUT	POWER SUPPLY				OBD	LIGHT	MODES	cm	kg
	Mobile	Laptop	Car	Micro USB Type B					
5V/2 A - 19V/3.5 A	•	-	1	1	-	2 x LEDs	LIGHT / S.O.S. / SPOT	17 x 8,2 x 3,2	0,408
5V/4 A - 12V/12 A - 19V/3.5 A	•	•	2	-	-	1 x LED	LIGHT / S.O.S. / SPOT	16,5 x 8 x 3,8	0,476
5V/2.1 A - 5V/1 A - 12V/10 A - 19V/3.5 A	•	•	2	-	-	1 x LED	LIGHT / S.O.S. / SPOT	22,5 x 9 x 3	0,680
5V/2.1 A - 5V/1 A - 12V/10 A	•	•	2	-	-	35 x LEDs	LIGHT / S.O.S. / SPOT	20 x 16,5 x 9	1,5
5V/2 A	•	-	1	-	-	1 x LED	LIGHT / S.O.S. / SPOT	20,2 x 14,5 x 5,5	0,820
5V/2 A - 12V/3.5 A	•	•	1	-	OPTION (via cigarette plug)	1 x LED	LIGHT / S.O.S. / SPOT	26,7 x 19,5 x 5	1,250

TESTERS

6V / 6 -12V

TRADITIONAL

TBP100
055131

TBP500
055148

BT001
056640

BT282 DHC
055261

ELECTRONIC

RT003 START-STOP DHC
055346

BT111 DHC
055155

BT222 DHC
055216

BT2010 START-STOP DHC
055339

BT551 START-STOP DHC
055452

BT551 DHC x2 (included)
056220

ELECTRONIC

Bluetooth

BT W 300 DHC
056664

BT 2100 DHC
056657

BT2100 START-STOP DHC
055339

BT2100 DHC x1 (included)
056237

7 LANGUAGES SPRACHEN

7 LANGUAGES SPRACHEN

7 LANGUAGES SPRACHEN

Standard 57 mm (W)

M/F plug

M/F plug

Clamps 056510

Clamps 056510

GESTION LOGICIELLE DE LA BATTERIE
BATTERY MANAGEMENT SOFTWARE
SOFTWARE BATTERIE MANAGEMENT

Download on the App Store

GET IT ON Google Play

HIGH TECH BT MOBILITY
TRACK DATA
by E-devices

	BATTERY A	BATTERY V	TEST		PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	ANCHOR	PERSON			
			CHARGING & STARTING SYSTEM VEHICLE	VEHICLE									
TBP 100 traditional	055131	6-12 V	20>100 Ah	•	•	12V	—	—	5/10s	15 min	—	16x1,8x30	1,5
TBP 500 traditional	055148	12 V	10>160 Ah	•	•	12V	—	—	15s	15 min	—	27x26x13	8
BT 001 electronic	056640	12 V	7>230 Ah	—	•	12 V	—	LED	1s	instant	—	3x12x1,5	0,29
BT 111 DHC electronic	055155	12 V	20>150 Ah	•	min 7 V	—	—	•	1s	instant	—	7x1,5x12	0,25
BT 222 DHC electronic	055216	—	20>150 Ah	•	min 7 V	12 V	—	•	1s	instant	—	7x1,5x12	0,25
BT 282 DHC electronic	055261	—	4>150 Ah	•	min 4,5 V	12 V	—	•	1s	instant	—	12x7,9 x22,7	0,25
RT 003 DHC electronic	055346	6-12 V	7>230 Ah	•	min 1,5 V	12 V 24 V	—	•	1s	instant	•	11,5x5x19	0,8
BT 551 DHC electronic	055452	6-12 V	7>230 Ah	•	min 1,5 V	12 V 24 V	—	•	1s	instant	•	11x4x19,5	0,4
BT 2010 DHC electronic	055339	6-12 V	7>230 Ah	•	min 1,5 V	12 V 24 V	—	•	1s	instant	•	13x6,4 x25,1	0,7
BTW 300 DHC electronic	056664	6-12 V	7>230 Ah	•	min 1,5 V	12 V 24 V	—	•	1s	instant	•	10x3 x7	0,33
BT 2100 DHC electronic	056657	6-12 V	7>230 Ah	•	min 1,5 V	12 V 24 V	—	•	1s	instant	•	13x6,4 x25,1	0,7

Recommendation	TEST		Circuit alternateur/ Alternator Circuit/ Lichtmaschinen Schaltkreis	PRINT PAPER	LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL	VEHICLE					
	batteries/Battery/ Ladegeräte	12V							6V	12V	6V	12V	6V	12V
TBP 100 traditional	6V 12V	12V	12 V	—	•	—	—	—	20 > 100 Ah	—	—	—	—	—
TBP 500 traditional	12V	12V	12 V	—	•	—	—	—	10 > 160 Ah	—	—	—	—	—
BT 001 electronic	12V	12V	12 V	—	•	•	•	•	7 > 230 Ah	—	—	—	—	—
BT 111 DHC electronic	12V	12V	12 V	—	•	—	—	—	20 > 150 Ah	—	—	—	—	—
BT 222 DHC electronic	12V	12V	12 V	—	•	—	—	—	20 > 150 Ah	—	—	—	—	—
BT 282 DHC electronic	12V	12V	12 V	—	•	—	—	—	4 > 150 Ah	—	—	—	—	—
RT 003 DHC electronic	6V 12V	12V	12 V 24 V	—	•	•	•	•	7 > 230 Ah	—	—	—	—	—
BT 551 DHC electronic	6V 12V	12V	12 V 24 V	—	•	•	•	•	7 > 230 Ah	—	—	—	—	—
BT 2010 DHC electronic	6V 12V	12V	12 V 24 V	—	•	•	•	•	7 > 230 Ah	—	—	—	—	—
BTW 300 DHC electronic	6V 12V	12V	12 V 24 V	—	•	•	•	•	7 > 230 Ah	—	—	—	—	—
BT 2100 DHC electronic	6V 12V	12V	12 V 24 V	—	•	•	•	•	7 > 230 Ah	—	—	—	—	—

POWER INVERTER

12V • 24V > 230V

Available in UK socket



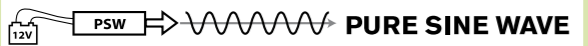
CONVERGYS 150

027022
027039



CONVERGYS 300

027053
027046



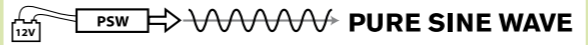
PSW 6042U 12 V

027121
027138



PSW 6043U 12 V

027176
027183



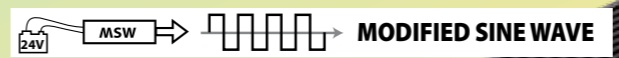
PSW 6047U 12 V

027206
027213



PSW 6047U 24 V

027251
027268



MSW 82 000 24 V

027237
027244



DHC 54E STATION MULTICHARGE POUR BATTERIES

- Multi charge station for batteries - Multi-Ladestation für Starterbatterien

Multicharge Station DHC 54E
025097



Charge automatique • Automatic charge
• Automatischer Ladevorgang
4 x 5A 12V (liquid/gel)
5 étapes • 5 steps • 5 Schritte
Pulse/Boost/Egalisation/100%/Floating
Maintenance/Zusatzhilfenkit

10-100 Ah

KIT SOLAIRE DE MAINTIEN DE CHARGE

- Solar panel zur Ladeerhaltung - Kit solar de mantenimiento de carga - Солнечная панель для поддержания заряда в наборе с аксессуарами



029163

	Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2.1) DC	max 150W	Universal	Dimensions	Weight
CONVERGYS 150	150W	300W	—	90,5%	12V	230V	5V · 2A	•	•	6 x 10 x 5 cm	0,34 kg
CONVERGYS 300	300W	600W	—	85%	12V	230V	5V · 2A	•	•	10 x 15 x 6 cm	0,85 kg
PSW 6042U	400W	800W	•	85%	12V	230V	5V · 2A	—	•	18 x 18 x 7 cm	1,2 kg
PSW 6043U	600W	1200W	•	85%	12V	230V	5V · 2 x 2A	—	•	18 x 20 x 7 cm	2,3 kg
PSW 6047U 12V	1500W	3000W	•	85%	12V	230V	5V · 2 x 2A	—	•	18 x 31 x 7 cm	4 kg
PSW 6047U 24V	1500W	3000W	•	85%	24V	230V	5V · 2 x 2A	—	•	26 x 19 x 9 cm	5,4 kg
MSW 82 000	2000W	4000W	•	80%	24V	230V	5V · 2A	—	cables	35 x 20 x 9,8 cm	5,4 kg

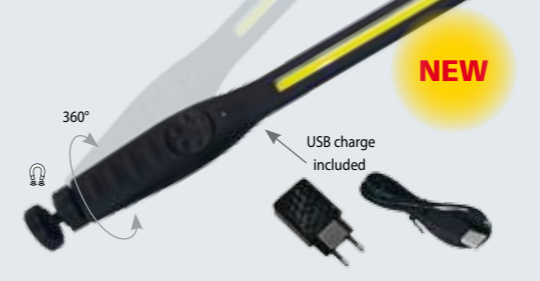
Conversion Chart / Table

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

	48h	16h	10h	8h	5h30	4h	2h45	2h45	1h20	0h30	0h20
CONVERGYS 150											
CONVERGYS 300											
PSW 6042U											
PSW 6043U											
PSW 6047U 12V											
PSW 6047U 24V											
MSW 82 000											
ex. 12V • 100Ah											

BALADEUSE LED

15W LED COB
2.5h operating time
3,7V, 2200 mAh Li-ion battery
375 x 40 x 30mm
057760
058309



LAMPE DE TRAVAIL PLIABLE SUR TRÉPIED

120 LEDs - 800 lumen
3h/6h operating time
3.7V - 4000 mAh Li-Ion battery
058002
058316



ACCESSORIES

HIGH FLEXIBILITY ELECTRICAL CABLES

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

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

	↔ L		EN 60974-9	
			A (60%)	A (35%)
50 mm ²	100 m	046801	273	320
	≲ x m	046757		
70 mm ²	≲ x m	046832	348	417
95 mm ²	≲ x m	046863	430	525

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

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

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

	ø 10 mm / 35 mm ²		ø 13 mm / 50 mm ²		ø 16 mm / 70 mm ²	
054400						
+	x25 054431	x25 054332	x25 054417	x25 054356	x25 054370	
-	x25 054448	x25 054349	x25 054424	x25 054363	x25 054387	

COSES - Cable lugs - Terminal Kabelschuhe - Kabelschoen

16 mm ²	M10	x10	038219
25 mm ²	M10	x10	038226
35 mm ²	M14	x10	038233
50 mm ²	M14	x10	038240
75 mm ²	M16	x10	038257
125 mm ²	M15	x5	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 ø 10 mm / 50 mm² 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 - Porta-baterías ajustable - Περενοσκα для аккумулятора



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



JUMPER CABLES

ISOLATED CLAMPS & LED

		ESSENCE BENZINE PETROL	DIESEL	↔	⊗ ≈ Ø CU
056374	300 A	2,51		3 m	16 mm ²
056381	500 A	5,51	4,51	3,5 m	25 mm ²

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

		↔	⊗ ≈ Ø CU
056206	320 A	3 m	16 mm ²
564015	500 A	3 m	25 mm ²
056404	700 A	4,5 m	35 mm ²
056190	1000 A	4,5 m	50 mm ² (100% Cu)
056602	1000 A	5,1 m	50 mm ² (100% Cu)

PINCES ISOLÉES - INSULATED CLAMPS - ISOLIERTE KLEMMEN - Pinzas aisladas

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

		ESSENCE BENZINE PETROL	DIESEL	↔	⊗ ≈ Ø CU	DIN 72553
056312	200 A	1,51		2,8 m	10 mm ²	—
056329	320 A	2,51		3 m	16 mm ²	•
056336	500 A	5,51	31	3,5 m	25 mm ²	•
056343	700 A	71	41	4,5 m	35 mm ²	•
056558	1000 A	71	41	4,5 m	50 mm ²	—

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 ²
056619	1000 A	5 m	50 mm ²

	🚗	🚙	🚘	🚚	🚛	🚝	🚞	🚟	🚠	🚡	🚢	🚣	⊗ Ø CU	⊗ ≈ Ø CU
056374														
056381														
056206														
056015														
056404														
056190														
056602														
056312														
056329														
056336														
056343														
056558														
056541														
056619														

SELECT THE RIGHT BOOSTER

CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

START

	12 V						12 - 24 V				ENERGY STATION
	GYSPACK AUTO	GYSPACK AIR	GYSPACK PRO	GYSPACK 650	GYSPACK 750	GYSPACK 810	GYSPACK TRUCK	STARTPACK 12.24	STARTPACK PRO 12.24	STARTPACK PRO 12.24 XL	
	026230 025455	026322	026155	026254	026179	026278	025448	026285	026346	026711	026148
	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V
	12V	12V	12V	12V	12V	12V	24V	24V	24V	24V	24V
1V/C	480 A	480 A	600 A	640 A	750 A	830 A	750 (12V)	900 A (12V)	1300 A (12V)	1600 A (12V)	
CC	900 A	900 A	1100 A	1200 A	1450 A	1700 A	650 (24V)	700 A (24V)	1200 A (24V)	1400 A (24V)	
PEAK	1250 A	1250 A	1750 A	1800 A	2500 A	3100 A	1450 A (12V)	1700 A (12V)	2400 A (12V)	3000 A (12V)	
	1250 A	1250 A	1750 A	1800 A	2500 A	3100 A	1300 A (24V)	1350 A (24V)	2250 A (24V)	2600 A (24V)	
12V	18 Ah	18 Ah	22 Ah	16 Ah	28 Ah	30 Ah	3200 A (12V)	3600 A (12V)	6200 A (12V)	8500 A (12V)	
	18 Ah	18 Ah	22 Ah	16 Ah	28 Ah	30 Ah	1600 A (24V)	1800 A (24V)	3100 A (24V)	4250 A (24V)	
	—	•	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	—	•	•	•	•
	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
	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating
	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	—	—	—	—
	—	•	—	—	—	—	—	—	—	—	—
	—	•	•	—	•	—	•	—	—	—	—
	0,5 m ø16 mm ²	1,1 m ø25 mm ²	1,1 m ø25 mm ²	1,4 m ø25 mm ²	1,3 m ø25 mm ²	1,8 m ø35 mm ²	1,8 m ø25 mm ²	1,8 m ø35 mm ²	2 m ø50 mm ²	2 m ø70 mm ²	2,5 m ø35 mm ²
	33 x 14 x 35	34 x 20 x 43	34 x 20 x 43	33 x 20 x 33	33 x 16 x 38	33 x 20 x 33	35 x 19 x 44	17 x 33 x 48	57 x 34 x 94	43 x 53 x 104	70 x 62 x 92
	7 kg	8,9 kg	7,9 kg	11 kg	13 kg	15 kg	18 kg	23 kg	31 / 40 kg	71 kg	36 kg +

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 BIJTEN GEBRUIK
Laat de lader onafgebroken aangesloten.

★

MINI PRO

★★★★

PRO

★★★★★

UNIVERSAL PRO

CHARGING TECHNOLOGIES

TECHNOLOGIES DE CHARGE

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

TRADITIONAL

W

ex. Battery 12V

Recommendation

LIQUID	LIQUID Calcium	LIQUID Silver AGM	START/STOP (A)	GEL Sealed	OPTIMA maXXima
★	★	★	★	★	★

UNIVERSAL MAINTENANCE EASY USE HIGH TECH

ENERGY Consumer /Tourisme / Endverbraucher p.6

CT Professional p.16

AUTOMATIC

W2

ex. Battery 12V

Recommendation

LIQUID	LIQUID Calcium	LIQUID Silver AGM	START/STOP (A)	GEL Sealed	OPTIMA maXXima
★	★	★	★	★	★

UNIVERSAL MAINTENANCE EASY USE HIGH TECH

STARTUP 80 Consumer /Tourisme / Endverbraucher p.20

CA Professional p.16

WU

ex. Battery 12V

Recommendation

LIQUID	LIQUID Calcium	LIQUID Silver AGM	START/STOP (A)	GEL Sealed	OPTIMA maXXima
★	★	★	★	★	★

UNIVERSAL MAINTENANCE EASY USE HIGH TECH

TCB Consumer /Tourisme / Endverbraucher p.7

TCB Professional p.16

WUoU

ex. Battery 12V

Recommendation

LIQUID	LIQUID Calcium	LIQUID Silver AGM	START/STOP (A)	GEL Sealed	OPTIMA maXXima
★	★	★	★	★	★

UNIVERSAL MAINTENANCE EASY USE HIGH TECH

WATTMATIC Professional p.17

WATTMATIC Professional p.17

AUTOMATIC FAST CHARGE

IWoU

ex. Battery 12V

Recommendation

LIQUID	LIQUID Calcium	LIQUID Silver AGM	START/STOP (A)	GEL Sealed	OPTIMA maXXima
★	★	★	★	★	★

UNIVERSAL MAINTENANCE EASY USE HIGH TECH

BATIUM Professional p.18-19

BATIUM Professional p.18-19

I-I-I

ex. Battery 12V

Recommendation

LIQUID	LIQUID Calcium	LIQUID Silver AGM	START/STOP (A)	GEL Sealed	OPTIMA maXXima
★	★	★	★	★	★

UNIVERSAL MAINTENANCE EASY USE HIGH TECH

GYSTECH Consumer/Tourism / Endverbraucher p.8-9

GYSTECH Consumer/Tourism / Endverbraucher p.8-9

IuOu FAST CHARGE

ex. Battery 12V

Recommendation

LIQUID	LIQUID Calcium	LIQUID Silver AGM	START/STOP (A)	GEL Sealed	OPTIMA maXXima
★	★	★	★	★	★

UNIVERSAL MAINTENANCE EASY USE HIGH TECH

ARTIC Consumer/Tourism / Endverbraucher p.10-11

ARTIC Consumer/Tourism / Endverbraucher p.10-11

9 STEP

ex. Battery 12V

Recommendation

LIQUID	LIQUID Calcium	LIQUID Silver AGM	START/STOP (A)	GEL Sealed	OPTIMA maXXima
★	★	★	★	★	★

UNIVERSAL MAINTENANCE EASY USE HIGH TECH

GYFLASH Professional p.12-15

GYFLASH Professional p.12-15

BATTERIES DE TRACTION - Traction batteries - Traktionsbatterien - Baterias de tracción - Tractieaccu's - Baterias de Tracção - Μπαταρίες έλξεως - Тяговые батареи - 牵引用铅酸蓄电池

AUTOMATIC FAST CHARGE

IUlo

ex. Battery 12V

Recommendation

Traction batteries ★★★★★
High Technologie ★★★★★

BATIUM 25/24 Professional p.18

GYFLASH 30 / 40 / 50 / 100 / 100.12 Professional p.20-23

GYFLASH 30 / 40 / 50 / 100 / 100.12 Professional p.20-23

9 STEP

ex. Battery 12V

Recommendation

Traction batteries ★★★★★
High Technologie ★★★★★

GYFLASH 30 / 24 Professional p.20

GYFLASH 50 / 24 Professional p.20

GYFLASH 50 / 24 Professional p.20

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

Diagram 1: 6V 150Ah + 6V 150Ah = 12V 150Ah

Diagram 2: 12V 80Ah + 12V 60Ah + 12V 120Ah + 12V 100Ah = 12V 360Ah

Diagram 3: 12V 60Ah + 12V 70Ah + 12V 80Ah + 12V 110Ah + 12V 40Ah = 290Ah

Diagram 4: 12V 70Ah + 12V 50Ah + 12V 90Ah + 12V 80Ah = 290Ah

Diagram 5: 12V 290Ah = 24V 290Ah

Diagram 6: 12V 290Ah = 24V 290Ah

Diagram 7: 12V 290Ah = 24V 290Ah

Diagram 8: 12V 290Ah = 24V 290Ah

Diagram 9: 12V 290Ah = 24V 290Ah

Diagram 10: 12V 290Ah = 24V 290Ah

Diagram 11: 12V 290Ah = 24V 290Ah

Diagram 12: 12V 290Ah = 24V 290Ah

Diagram 13: 12V 290Ah = 24V 290Ah

Diagram 14: 12V 290Ah = 24V 290Ah

Diagram 15: 12V 290Ah = 24V 290Ah

Diagram 16: 12V 290Ah = 24V 290Ah

Diagram 17: 12V 290Ah = 24V 290Ah

Diagram 18: 12V 290Ah = 24V 290Ah

Diagram 19: 12V 290Ah = 24V 290Ah

Diagram 20: 12V 290Ah = 24V 290Ah

Diagram 21: 12V 290Ah = 24V 290Ah

Diagram 22: 12V 290Ah = 24V 290Ah

Diagram 23: 12V 290Ah = 24V 290Ah

Diagram 24: 12V 290Ah = 24V 290Ah

Diagram 25: 12V 290Ah = 24V 290Ah

Diagram 26: 12V 290Ah = 24V 290Ah

Diagram 27: 12V 290Ah = 24V 290Ah

Diagram 28: 12V 290Ah = 24V 290Ah

Diagram 29: 12V 290Ah = 24V 290Ah

Diagram 30: 12V 290Ah = 24V 290Ah

Diagram 31: 12V 290Ah = 24V 290Ah

Diagram 32: 12V 290Ah = 24V 290Ah

Diagram 33: 12V 290Ah = 24V 290Ah

Diagram 34: 12V 290Ah = 24V 290Ah

Diagram 35: 12V 290Ah = 24V 290Ah

Diagram 36: 12V 290Ah = 24V 290Ah

Diagram 37: 12V 290Ah = 24V 290Ah

Diagram 38: 12V 290Ah = 24V 290Ah

Diagram 39: 12V 290Ah = 24V 290Ah

Diagram 40: 12V 290Ah = 24V 290Ah

Diagram 41: 12V 290Ah = 24V 290Ah

Diagram 42: 12V 290Ah = 24V 290Ah

Diagram 43: 12V 290Ah = 24V 290Ah

Diagram 44: 12V 290Ah = 24V 290Ah

Diagram 45: 12V 290Ah = 24V 290Ah

Diagram 46: 12V 290Ah = 24V 290Ah

Diagram 47: 12V 290Ah = 24V 290Ah

Diagram 48: 12V 290Ah = 24V 290Ah

Diagram 49: 12V 290Ah = 24V 290Ah

Diagram 50: 12V 290Ah = 24V 290Ah

Diagram 51: 12V 290Ah = 24V 290Ah

Diagram 52: 12V 290Ah = 24V 290Ah

Diagram 53: 12V 290Ah = 24V 290Ah

Diagram 54: 12V 290Ah = 24V 290Ah

Diagram 55: 12V 290Ah = 24V 290Ah

Diagram 56: 12V 290Ah = 24V 290Ah

Diagram 57: 12V 290Ah = 24V 290Ah

Diagram 58: 12V 290Ah = 24V 290Ah

Diagram 59: 12V 290Ah = 24V 290Ah

Diagram 60: 12V 290Ah = 24V 290Ah

Diagram 61: 12V 290Ah = 24V 290Ah

Diagram 62: 12V 290Ah = 24V 290Ah

Diagram 63: 12V 290Ah = 24V 290Ah

Diagram 64: 12V 290Ah = 24V 290Ah

Diagram 65: 12V 290Ah = 24V 290Ah

Diagram 66: 12V 290Ah = 24V 290Ah

Diagram 67: 12V 290Ah = 24V 290Ah

Diagram 68: 12V 290Ah = 24V 290Ah

Diagram 69: 12V 290Ah = 24V 290Ah

Diagram 70: 12V 290Ah = 24V 290Ah

Diagram 71: 12V 290Ah = 24V 290Ah

Diagram 72: 12V 290Ah = 24V 290Ah

Diagram 73: 12V 290Ah = 24V 290Ah

Diagram 74: 12V 290Ah = 24V 290Ah

Diagram 75: 12V 290Ah = 24V 290Ah

Diagram 76: 12V 290Ah = 24V 290Ah

Diagram 77: 12V 290Ah = 24V 290Ah

Diagram 78: 12V 290Ah = 24V 290Ah

Diagram 79: 12V 290Ah = 24V 290Ah

Diagram 80: 12V 290Ah = 24V 290Ah

Diagram 81: 12V 290Ah = 24V 290Ah

Diagram 82: 12V 290Ah = 24V 290Ah

Diagram 83: 12V 290Ah = 24V 290Ah

Diagram 84: 12V 290Ah = 24V 290Ah

Diagram 85: 12V 290Ah = 24V 290Ah

Diagram 86: 12V 290Ah = 24V 290Ah

Diagram 87: 12V 290Ah = 24V 290Ah

Diagram 88: 12V 290Ah = 24V 290Ah

Diagram 89: 12V 290Ah = 24V 290Ah

Diagram 90: 12V 290Ah = 24V 290Ah

Diagram 91: 12V 290Ah = 24V 290Ah

Diagram 92: 12V 290Ah = 24V 290Ah

Diagram 93: 12V 290Ah = 24V 290Ah

Diagram 94: 12V 290Ah = 24V 290Ah

Diagram 95: 12V 290Ah = 24V 290Ah

Diagram 96: 12V 290Ah = 24V 290Ah

Diagram 97: 12V 290Ah = 24V 290Ah

Diagram 98: 12V 290Ah = 24V 290Ah

Diagram 99: 12V 290Ah = 24V 290Ah

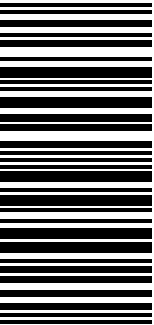
Diagram 100: 12V 290Ah = 24V 290Ah



Linéaire de vente / GYS display /
Verkaufsregal
060388



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GYS France

BP 4159
53941 Saint-Berthevin
ZI, 134 bd des Loges
Laval
France
Fax : (+33) 2 43 68 35 21

www.gys.fr
E-mail : contact@gys.fr

GYS Germany

Professor-Wieler-Straße 11
52070 Aachen
Deutschland
Tel : (+49) 241 / 189-23-710
Fax : (+49) 241 / 189-23-719
www.gys-schweissen.com
E-mail : aachen@gys.fr

GYS UK

Unit 3
Great Central Way
Rugby - Warwickshire - CV21 3XH
United Kingdom
Tel : (+44) 1926 338 609
Fax : (+44) 1926 429 764
www.gys-welding.com
E-mail : uk@gys.fr

GYS Italia

C.P. 158 - Mestre Centro
30171 Mestre-Venezia
Italia
Tel : (+39) 340 3677916
E-mail : italia@gys.fr

GYS India

796/1A-A, Avinashi road
opp to Decathlon
Neelambur, Coimbatore
641062 Tamil Nadu
India
Tel : +91. 88708. 71111
E-mail : s.kumar@gys.fr

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

Bao Zhi Long Electrical Equipment (JV GYS)

Room: 203C
Building: N°1
N°518 Shen Wang Road
Minhang District Shanghai
China
Tel1 : (+86) 52217650
Tel2 : (+86) 52217651
Tel3 : (+86) 52217652
Fax : (+86) 52217653
www.bzl-china.com
E-mail : mz@bzl-china.com

www.gys.fr