

# GYS Battery Solutions Offers valid until February 28th 2017

**BOOSTERS** 

3 IN 1 CHARGER **STARTER** 

**BATTERY SUPPORT UNIT** 

**STARTER CHARGERS** 













**TESTERS** 

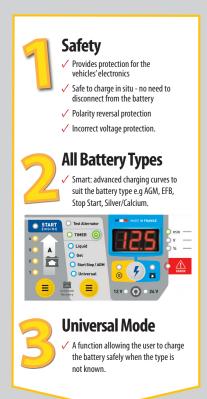
Working with batteries -GYS believe that the tools used must meet 3 simple criteria

**BATTERY CHARGERS** 

# **THE1-2-3 TEST**

Whether it's for Charging, Starting or Battery Support - GYS believe that the ideal tools must meet 3 simple criteria, encompassed with the GYS 1-2-3 Test.

- **1. Safety** The product must be safe to use with the battery in situ, chargers must include protection to ensure that no damage can be done to the vehicle's electronic system. This can include overvoltage protection, polarity reversal and the prevention of sparks.
- **2. All Battery Types** Equipment must have the ability to charge or work with the latest battery types. We now see new battery materials AGM, EFB, Stop Start, Silver/ Calcium a traditional constant current charger cannot be recommended for the latest battery types.
- **3. Universal Mode** The ability to safely charge when the battery type is not known, this is a very important 'real world' problem. Technicians will have experienced the difficulty in locating and identifying the battery type in many vehicles. GYS products offer a solution simply to connect and go, giving the assurance that the charge will be conducted safely without requiring the technician to identify the battery type.



# **AUTOMATIC CHARGERS**

# Chargers



#### TCB RANGE

- SAFE no need to remove the battery, voltage protection for vehicle electronics
- ALL BATTERY TYPES- safe to charge any battery including AGM Stop/Start
- UNIVERSAL MODE safe charging without the need to identify the battery type

Product	Ref	Voltage	Max Ah Battery	Protection	Universal Mode	Max Charge	Price EX VAT
TCB 60	025189	12V	60Ah	✓	✓	6A	£50.70
TCB 90	025202	12V	90Ah	✓	✓	8A	£58.40
TCB120	025240	12V	120Ah	✓	✓	10.5A	£60.60

# **AUTOMATIC CHARGER / MAINTENANCE CHARGER**



## GYSFLASH 4A / 7A

The GYSFLASH is an automatic charger designed to charge or maintain 12V batteries

**GYSFlash offers:** 

- Suitable for any starting battery
- Safe to charge in situ

- Charge deeply discharged batteries from as low as 1V
- Protection from over-voltage and short circuit
- Charges and maintains batteries
- Comes with on board connection kit



Product	Ref	Voltage	Charging Range	Maintenance Range	Protection	Universal Mode	IP Rating	Price EX VAT
GYSFLASH 4A	024793	12V	1.2-70Ah	1.2-130Ah	✓	✓	65	£49.00
GYSFLASH 7A	024786	12V	1.2-130Ah	1.2-230Ah	✓	✓	65	£83.70

# **WORKSHOP CHARGER**



# **BATIUM RANGE**

**Batium** is designed specifically for the professional automotive workshop - it has an advanced microprocessor delivering all the functionality needed in today's busy workshop.

- SAFE no need to remove the battery, voltage protection for vehicle electronics
- ALL BATTERY TYPES safe to charge any battery including **AGM Stop/Start**
- **UNIVERSAL MODE safe charging without the need to identify** the battery type

Desulphation function can detect and recover sulphated batteries

Product	Ref	Voltage	Charge Range	Protection	SOS Recovery	All Battery Types	Universal Mode	Use in Situ	External Fuse	Price EX VAT
Batium 7/12	024557	6V/12V	15-130Ah	✓	-	✓	✓	<b>√</b>	<b>√</b>	£99.00
Batium 7/24	024625	6V/12V/24V	15-130Ah	✓	-	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	£119.00
Batium 15/12	024632	6V/12V	35-225Ah	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	£129.00
Batium 15/24	024588	6V/12V/24V	35-225Ah	✓	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	£169.00

# TRADITIONAL CHARGER & STARTER (Lead Acid Batteries)





# **START 300** ref 025547

# **START 200/300**

#### Starter:

- 12V batteries (12V-24V for Start 300)
- Starts all vehicles
- 120A starting current on Start 200 300A starting current on Start 300
- Start guide: 35Ah>80Ah on Start 200 35Ah>100Ah on Start 300

#### Charger:

- Charges Lead Acid batteries
- Max 25A charging current on Start 200 Max 35A charging current on Start 300

Product	Ref	Voltage	Start Guide	Charge Range	Protection	Battery Type	External Fuse	Price EX VAT
Start 200	025530	12V	35Ah >80Ah	53>240Ah	✓	Lead Acid	✓	£127.00
Start 300	025547	12V-24V	35Ah >100Ah	38>300Ah	<b>√</b>	Lead Acid	✓	£196.00

# TRADITIONAL HIGH POWER STARTER - 2 in 1 Booster/Starter & Charger



#### **NEOSTART 320**

ref: 025509

#### Starter:

- 270A Starting current
- Start guide 35>120Ah

#### Charger:

- Charges Lead Acid batteries
- Max 40A charging current



#### **NEOSTART 420**

ref: 025479

#### Starter:

- 420A Starting current
- Start guide 35>160Ah

#### Charger:

- Charges Lead Acid batteries
- Max 70A charging current



### **NEOSTART 620**

ref: 025486

#### Starter:

- 620A Starting current
- Start guide 45>200Ah

#### Charger:

- Charges Lead Acid batteries
- Max 90A charging current

Product	Ref	Voltage	Start Guide	Change Range	Protection	Battery Type for charging	External Fuse	Price EX VAT
Neostart 320	025509	12V/24V	35>120Ah	20>700Ah	<b>√</b>	Lead Acid	✓	£219.00
Neostart 420	025479	12V/24V	35>160Ah	20>1000Ah	<b>√</b>	Lead Acid	<b>√</b>	£249.00
Neostart 620	025486	12V/24V	45>200Ah	20>1350Ah	<b>√</b>	Lead Acid	<b>√</b>	£299.00

## **ADVANCED STARTER CHARGER 12/24V**





#### **STARTIUM RANGE**

**STARTIUM** is a complex product that is designed to solve all charging and starting problems in one simple to use unit.

- SAFE no need to remove the battery, voltage protection for vehicle electronics
- ALL BATTERY TYPES safe to charge any battery including AGM Stop/Start
- UNIVERSAL MODE safe charging without the need to identify the battery type
- Protection for vehicle electronics
- SOS recovery (sulphated battery recovery)
- Auto Start current will be activated when the ignition is switched on
- Charges deeply discharged batteries as low as 1V
- Time
- · Alternator test function
- For 12V/24V vehicles









STARTIUM 330E ref 026469



STARTIUM 680E ref 026490



**STARTIUM 980E\*** ref 026506 \*Requires a 16Amp fuse

Product	Ref	Voltage	12V/24V Battery Range	SOS Recovery	Auto Start	12V/24V Peak Power	Charging Current	Protection	Universal Mode	Price EX VAT
Startium	026469	12V	20-370Ah	,	,	270A/210A	1 atom (25A	,	,	£329.00
330E	020409	24V	20-300Ah	<b>√</b>	<b>√</b>	2/UA/21UA	4 step<25A	<b>✓</b>	<b>√</b>	1329.00
Startium	026492	12V	20-600Ah	,	/	390A/290A	1 stop < 20 A		,	£479.00
480E	026483	24V	20-450Ah	<b>/</b>	V	390A/290A	4 step<30A	<b>√</b>	<b>√</b>	14/9.00
Startium	025585	12V	20-675Ah	,	,	550A /200A	4 - + 20 4			£549.00
680E	025585	24V	20-525Ah	<b>√</b>	<b>√</b>	550A/380A	4 step<30A	<b>√</b>	<b>√</b>	1549.00
Startium	026506	12V	20-750Ah		,	7201/5601	1 stop < 10 A		,	£599.00
980E	026506	24V	20-525Ah	<b>√</b>	<b>√</b>	720A/560A	4 step<40A	<b>√</b>	<b>√</b>	2599.00

# **EMERGENCY BOOSTER PACKS - 12V**

# **Boosters**



**GYSPACK 400** ref 025516

- 1250A Peak current
- 900A Cranking current
- 480A Starting current
- 7 Kg



WITH **AIR COMPRESSOR** & LED LAMP

**GYSPACK AIR** 

ref 025431

- 1250A Peak current
- 900A Cranking current
- 480A Starting current
- 10 Kg

# **PROFESSIONAL HIGH POWER BOOSTER PACKS - 12V**



**GYSPACK PRO** ref 025523

- 1750A Peak current
- 1100A Cranking current
- 600A Starting current
- 8.9 Kg



**GYSPACK 750** 

ref 026353

- · 2500A Peak current
- 1450A Cranking current
- 750A Starting current
- 14 Kg





STARTPACK TRUCK

ref 026339

- 12/24V Vehicles
- 3200A/1600A Peak current
- 1450A/1300A Cranking current
- 750A/650A Starting current
- 16 Kg

Product	Ref	Voltage	Peak Current	Cranking Current	Starting Current	Polarity Reversal Protection	Cable	Internal Battery	LED Light	Price EX VAT						
Gyspack 400	025516	12V	1250A	900A	480A	-	2x0.58m/16mm <sup>2</sup>	18Ah	-	£91.00						
Gyspack Air	025431	12V	1250A	900A	480A	<b>√</b>	2x0.58m/16mm <sup>2</sup>	18Ah	✓	£142.00						
Gyspack Pro	025523	12V	1750A	1100A	600A	<b>√</b>	2x1.1m/25mm <sup>2</sup>	22Ah	✓	£142.00						
Gyspack 750	026353	12V	2500A	1450A	750A	<b>√</b>	2x1.3m/25mm <sup>2</sup>	26Ah	✓	£309.00						
Startnack Truck	026330	12V	3200A	1450A	750A	,	2x1.8m/35mm <sup>2</sup>	2 x 22Ah	/	£329.00						
Startpack Truck	026339	026339	026339	026339	026339	026339	026339	24V	1600A	1300A	650A	V	∠ √ 2x1.8m/35mm²		V	1329.00

# PROFESSIONAL HEAVY DUTY BOOSTER PACKS

# **Boosters**



**GYSPACK 650** 

ref 026254

- 1800A Peak current
- 1200A Cranking current
- 640A Starting current
- 13 Kg



- ref 026278
- · 3100A Peak current
- 1700A Cranking current
- 830A Starting current
- 16.6 Kg

# **HEAVY DUTY PROFESSIONAL BOOSTER PACKS 12V/24V**



#### **STARTPACK 12.24**

ref 026285

- 12V/24V Batteries
- 6200A/3100A Peak current
- 2400A/2250A Cranking current
- 1300A/1200A Starting current
- 23.5 Kg





#### **STARTPACK PRO 12.24**

ref 026346

- 12V/24V Batteries
- · 8500A/4250A Peak current
- 3000A/2600A Cranking current
- 1600A/1400A Starting current
- Wheels for easy mobility
- 45.5Kg



Product	Ref	Voltage	Peak Current	Cranking Current	Starting Current	Polarity Reversal Protection	Universal Mode	Advanced Multi Stage Charger	Cable Length	Internal Battery	Price EX VAT
Gyspack 650	026254	12V	1800A	1200A	640A	<b>√</b>	<b>√</b>	<b>√</b>	2x1.4m/25mm <sup>2</sup>	16Ah	£369.00
Gyspack 810	026278	12V	3100A	1700A	830A	<b>√</b>	<b>√</b>	<b>√</b>	2x1.8m/35mm <sup>2</sup>	30Ah	£499.00
Charles als 12 24	026205	12V	6200A	2400A	1300A	,	,		22/502	22014	6830.00
Startpack 12.24	026285	24V	3100A	2250A	1200A	<b>-</b>	<b>√</b>	<b>√</b>	2x2m/50mm²	2 x 30Ah	£829.00
Startpack Pro 12.24	026246	12V	8500A	3000A	1600A	,	,	,	2. 2 /702	2504	£1020.00
	026346	24V	4250A	2600A	1400A	<b>√</b>	<b>√</b>	<b>√</b>	2x2m/70mm <sup>2</sup>	2 x 50Ah	£1029.00

#### STARTPACK PRO 12.24XL

ref: 026711

- 2 X 50Ah Advanced Exide Spiral AGM internal batteries
- · Automatically supplies the exact power required
- Sophisticated protection system safeguards vehicle electronics, user and maximizes battery lifetime
- Comes with an advanced multi stage charger to maintain the internal batteries
- Prevents jump-starting a vehicle when:
  - -the battery is faulty
  - -there is a short-circuit at the clamps
  - -there is a voltage selection error
- Heavy duty wheels & handle assist operation in the most demanding locations



# The most powerful booster pack on the market?

Product	Ref	Voltage	Peak Current	Cranking Current	Starting Current	Polarity Reversal Protection	Cable Length	Internal Battery Size	Price EX VAT
Startpack Pro 12.24	026711	12V	8500A	3000A	1600A	/	2x2m/70mm²	2 x 50Ah	£1503.00
XL	020/11	24V	4250A	2600A	1400A	V	282111/70111111	2 X JUAN	£1303.00

# LITHIUM BOOSTERS PORTABLE POWER SUPPLIES

# **Boosters**



#### **NOMAD POWER 10**

ref 026537

- 400A Peak current
- 200A Starting current



#### **NOMAD POWER 15** ref 026544

- 600A Peak current
- 300A Starting current

**POWER PACKS FOR EMERGENCY JUMP STARTING VEHICLES. ALSO SUITABLE FOR CHARGING SMART PHONES. TABLETS, LAPTOPS & OTHER ELECTRICAL DEVICES** 



#### **NOMAD POWER 15 AIR** ref 026612

- 600A Peak current
- 300A Starting current
- with air compressor



## ref 026629

- 700A Peak current
- 350A Starting current



#### **NOMAD POWER 12.24**

ref 026667

- 600A/800A Peak current
- 300A/400A Starting current

**ADVANCED** CONNECTION **KIT** 





**SUPPLIED WITH NOMAD POWER** 10/15/15 AIR/20/12.24

Product	Ref	Voltage	Peak Current	Starting Current	USB Ports	LED Light	Price EX VAT
Nomad Power 10	026537	12V	400A	200A	1	<b>√</b>	£101.00
Nomad Power 15	026544	12V	600A	300A	2	<b>√</b>	£124.00
Nomad Power 15 Air	026612	12V	600A	300A	2	<b>√</b>	£143.00
Nomad Power 20	026629	12V	700A	350A	2	<b>√</b>	£148.00
Nomad Power 12.24	026667	12V	600A (12V) 800A	300A (12V)	2	J	£249.00
Nomua Fower 12.24	023007	24V	(24V)	400A (24V)	2	V	<u></u>

# **PROFESSIONAL STARTING LITHIUM BOOSTERS**

# Boosters



#### **NOMAD POWER PRO 45**

ref 026551

- 12V
- 400A Peak current
- 200A Starting current

# USB PORT FOR CHARGING ELECTRONIC DEVICES

SUPPLIED WITH NOMAD POWER PRO 45/90 CONNECTION KIT



# NOMAD POWER PRO 90 ref 026568

- 12V
- 800A Peak current
- · 400A Starting current

Product	Ref	Voltage	Peak Current	Starting Current	USB Ports	Start	LED Light	Price EX VAT
Nomad Power Pro 45	026551	12V	400A	200A	1	12V Petrol & Diesel	x 1	£143.00
						(<3500.C) (2000C.C)		
Nomad Power Pro 90	026569	12V	800A	4004	1	12V Petrol & Diesel	1	(228.00
Nomad Power Pro 90	026568	120	600A	400A	'	(<6000.C) (3500C.C)	x 1	£228.00

# **VEHICLE MEMORY SAVER**

# **Memory Save**

## **GYSPACK OBD**

ref: 055001



The GYSPACK OBD is designed to save the internal memory of the car when It is necessary to disconnect the battery.

#### **GYSpack OBD offers:**

- Vehicle memory saver
- Connects via the OBD port to provide a 4A power supply during battery changeover
- Internal Battery: 12V/7Ah
- OBD Battery Connection: 4A max.
- Cigarette lighter connection: 4A max.
- Weight: 3kg

£79.00 EX VAT

# **BATTERY SUPPORT UNITS (BSU)**

# **Battery Support**





**GYSFLASH 40.12HF** 

**GYSFLASH 50.12HF** 

#### **GYSFLASH 100.12HF**

ref 029071

- SAFE no need to remove the battery, voltage protection for vehicle electronics
- ALL BATTERY TYPES safe to charge any battery including AGM Stop/Start
- UNIVERSAL MODE safe charging without the need to identify the battery type

The GYSFlash battery support units are designed to sustain the vehicle electrical system during diagnostic work, preventing disruption to the diagnostic process and protecting against potentially costly damage to sensitive electronics. GYS offer a range of 6 units with outputs from 30A to a massive 100A and with 12V and 24V options.

**GYSFLASH 30.12HF** 

#### **BATTERY SUPPORT**

Choose outputs of 30, 40, 50 or 100 Amps

Diag+, allows user adjustment of the voltage level from 12V-14.8V

#### **BATTERY CHARGER**

Advanced charger for Lead Acid, GEL and AGM/EFB battery types

#### **BATTERY CHANGE**

Battery change function - can be set to provide power to the vehicle during battery change

#### **SHOWROOM MODE**

To support the vehicle in a showroom environment Meets the specifications for major vehicle manufacturers Ideally sized to be placed under vehicles

# 24V Models also available

Product	Ref	Voltage	Charges all battery types	Max Output Current	Battery Support Voltage	Showroom Mode	Change Battery Mode	Price EX VAT
Gysflash 30.12F	029224	12V	✓	30A	12V-14.8V	✓	<b>√</b>	£349.00
Gysflash 40.12 FV	029064	12V	✓	40A	12V-14.8V	✓	<b>√</b>	£419.00
Gysflash 50.12HF	029088	12V	✓	50A	12V-14.8V	✓	<b>√</b>	£449.00
Gysflash 100.12HF	029071	12V	<b>√</b>	100A	12V-14.8V	<b>√</b>	<b>√</b>	£599.00





#### DIAG STARTIUM RANGE

- SAFE no need to remove the battery, voltage protection for vehicle electronics
- ALL BATTERY TYPES safe to charge any battery including AGM Stop/Start
- UNIVERSAL MODE safe charging without the need to identify the battery type

The Diag Startium takes working with batteries to a new level of convenience and the need for Battery Support has developed to become an everyday requirement. Previously such a product would be an expensive dedicated tool but now the Diag Startium offers everything that is needed in Charging, Starting and now Battery Support in one easy to use all in one solution.

## **DIAG STARTIUM 60-24**

ref 025592

#### **ADVANCED BATTERY CHARGER**

- · For lead acid, AGM, EFB and GEL batteries.
- Unique GYS universal mode for when the actual battery type is not known.
- For 6V, 12V and 24V vehicles
- · Safe to charge without removing the battery
- SOS recovery for sulphated batteries
- TIMER to aid charging of deeply discharged batteries < 1V</li>

#### **POWERFUL STARTER**

- 410A
- Automatic Start current is delivered only when the vehicle starter is activated. Safe for single operator use.
- Smart start automatic detection of damaged or sulphated batteries. This will protect the vehicle

#### **BATTERY SUPPORT**

- 60A battery support unit to protect vehicle electronics during key on /engine off diagnostic work
- Maintains stable vehicle voltage which is adjustable between 12V and 14.8V (e.g. some BMW models require 14.8V, some Jaguar/Land Rover models require 14.4V)

**MORE FEATURES**: Auto restart – reverts to last settings in the event of a power failure plus alternator test function

Product	Ref	Voltage	Max Ah Battery	SOS Recovery	Auto Start	Peak Power	Charging Current Average	Alternator test	Timer	Price EX VAT
Diag Startium 60-24	025592	6V/12V/24V	12V:20-900Ah 24V:20-600Ah	✓	<b>√</b>	430A/410A	4 step<60A	<b>√</b>	<b>√</b>	£699.00



# TRADITIONAL TESTERS



When using a traditional tester allow 15 mins with the engine switched off before testing, to ensure accurate results



**BT 111DHC** ref 055155







**BT 280DHC** ref 055261



**RT003 DHC** ref 055346

# with PRINTER

## **WILL TEST AGM & EFB BATTERIES**

#### BT551 DHC ref: 055452

The BT551 START-STOP is an easy-to-use highly precise professional battery tester with an integrated printer. Multifunction device, it can perform 3 types of tests:

- 6-12V battery (tests voltage & charge state, cold cranking Amps & battery health etc)
- 12-24V starter motor (tests starting voltage cranking voltage test)
- 12-24V alternator test
- Tests all batteries: incl. Start/Stop (AGM & EFB)
- Integrated thermal printer
- Digital
- 7-230Ah Battery Capacity

- 12V Alternator Test
- Displays results in 1 sec.
- Immediate printing of results
- Temperature Compensation



Product	Ref	Battery Type				Battery	Battery	Alternator	Battery	Test result	Price
Floudet		LEAD	GEL	AGM	EFB	type	capacity	Aiternator	requirements	time	EX VAT
TBP100	055131	<b>√</b>				6-12V	20>100Ah	12V	wait 15 mins.	5-10 sec.	£21.00
TBP500	055148	✓				12V	10>100Ah	12V	wait 15 mins.	15 sec.	£76.90
BT 111DHC	055155	<b>√</b>	<b>√</b>			12V	20>150Ah	-	Can be discharged > 7V	1 sec.	£48.90
BT 222DHC	055216	<b>√</b>	<b>√</b>	<b>√</b>		12V	20>150Ah	12V	Can be discharged > 7V	1 sec.	£58.30
BT280 DHC	055261	<b>√</b>	<b>√</b>	<b>√</b>		12V	4>150Ah	12V	Can be discharged > 4.5V	1 sec.	£81.60
RT 003 DHC	055346	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	6-12V	7>230Ah	12V-24V	Can be discharged > 1.5V	1 sec.	£169.00
BT 551 DHC	055452	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>	6-12V	7-225Ah	12V-24V	Can be discharged > 1.5V	1 sec.	£249.00



For more information call your GYS distributor www.gys-welding.com

# **SINGLE PHASE MIG WELDER**

# Welding

# **SMARTmig 162**

ref: 034297



Single phase compact MIG/MAG 160A welding machine. Product on wheels, ideal for both professional and DIY use. Features a "SMART" Control panel enabling easy set up even for the non-professional user.

#### **SMARTmig 162 offers:**

- 240V (13A)
- 30-160 Amps
- Gas: 0.6>1.0 / No gas: 0.9>1.2
- Takes 1 and 5kg wire reels
- EURO torch & earth clamp
- · Easy to use SMART control panel
- Will support small gas bottle (5 litre max)
- 33x54x45cm/25kg

£439.00 EX VAT

# SINGLE PHASE TIG WELDER (AC/DC)

# TIG 207 AC/DC-HF FV with accessories

ref: 011618

The TIG 207 is a portable, 200 Amp, single phase, Inverter welding machine featuring HF start & pulse and can be used to weld steel, stainless steel, titanium, magnesium and aluminium

#### TIG 207 offers:

- Easy to use control panel
- · HF start for easy arc striking
- · Pulse mode ideal for thin metal sheet
- Digital control
  - -pre gas, upslope, pulse, downslope, post gas
- AC easy mode fast frequency/balance set up for Aluminium
   Complete with Binzel TIG torch, earth clamp, TIG accessories &
- Complete with Binzel TIG torch, earth clamp, TIG accessories & electrode holder



# **PLASMA CUTTER**

## **CUTTER 31FV**

ref: 030985



#### **Cutter 31FV offers:**

- 110V /240V
- 5Amp-30Amp range
- Cuts up to 10mm steel, stainless steel & cast iron
- · Cuts up to 8mm copper and aluminium



£749.00 EX VAT

# **MOBILE HYDRAULIC LIFT**

# Lifting

# **SPOTLIFT** WITH SILL LIFTING PLATE ref: U42537







- Lifts vehicles up to 2.5 tonnes to a height of 70cm
- Hydro-pneumatic pump no electric supply needed
- **Forks for lifting**
- Base wheels for easy movement
- Features handle and trigger guard
- WxHxD: 129x105x73cm/85kg



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