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BATTERY CHARGERS

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A - B 5m Electric Vehicle Portable Chargers & Cables

Model No. **SEE RIGHT**

Portable Mode-2 chargers are fitted with BS approved 13A plug so it can be used with any standard 13A socket. Delay timing function enables users to program delayed start time to benefit from off-peak electricity tariffs. The intuitive LED offers users fault codes, charging time, power and temperature displays. Supplied with storage case.



5m

10A



	A	B
Model No:	EVPC1	EVPC2
Current:	10A	10A
Plug Type:	Type 1	Type 2
Electrical Class:	1ph	1ph
Length:	5m	5m



Plug Type 1

Plug Type 2



C - D 5m Type 1 to Type 2 EV Charger Cables

Model No. **SEE RIGHT**

The mode 3 charging cables simply plug into any public or home EV charging point. Supplied with storage case.

5m



TYPE 1 TO TYPE 2

	C	D
Model No:	EVCC1216	EVCC1232
Current:	16A	32A
Plug Type:	Type 1 to Type 2	Type 1 to Type 2
Electrical Class:	1ph	1ph
Length:	5m	5m



All EV chargers & cables are supplied with storage case.



E - G 5m Type 2 to Type 2 EV Charging Cables

Model No. **SEE RIGHT**

The Mode-3 charging cables simply plug into any public or home EV charging point. Supplied with storage case.

5m

5m

5m

	E	F	G
Model No:	EVCC2216	EVCC2232	EVCC22323
Current:	16A	32A	32A
Plug Type:	Type 2 to Type 2	Type 2 to Type 2	Type 2 to Type 2
Electrical Class:	1ph	1ph	3ph
Length:	5m	5m	5m

A - C Solar Power Panels

Model No. SEE BELOW

Amorphous solar panels convert daylight directly into 12V electricity. Suitable for maintaining charge in a wide range of batteries and power packs. Ideal for batteries stored in boats and caravans and for batteries in vehicles in long-term storage. IP44 Rating (non-waterproof). For use behind car windscreen or other protection. Supplied with battery clips and vehicle accessory socket plug (only suitable for vehicles with "permanent live" accessory socket).

	A	B	C
Model No:	SPP01	SPP02	SPP03
Output:	12V/1.5W	12V/2.4W	12V/4.8W
Dimensions:	350 x 125mm	370 x 210mm	440 x 345mm



Model No's SPP01 & SPP02 supplied with suction pad fixings.



D Watertight Hardwired Terminal Connector for SPP01, SPP02 & SPP03

Model No. SPP01.A

A battery terminal connection lead with in-line fuse unit and weatherproof cap to offer protection from water ingress when the connector is not in use. Can be left on the vehicle and simply connected to Model No's SPP01, SPP02 or SPP03 when required.

Length:	570mm
Fuse:	7.5A



E - G Battery Chargers

Model No. SEE BELOW

Compact lead acid battery chargers suitable for home and light workshop use. Easy-to-read ammeter to indicate the level of battery charge. Also features overheating, short and reverse polarity protection. Composite housing with carry handle. 1.8m Cable with insulated clamps. Model No. DSBC8 includes 6/12V and low/high power selection.

	E	F	G
Model No:	DSBC4	DSBC6	DSBC8
Supply:	230V	230V	230V
Output:	12V	12V	6/12V
Peak Output Charge:	4A	6A	8A
Effective Output Charge:	2.8A	4.2A	5.6A
Battery Range:	12-48Ah	20-80Ah	9-112Ah
Cable Length:	1.8m	1.8m	1.8m



All units are fitted with an ammeter. Model No. DSBC8 features 6/12V and low/high power selection.

A 5A
6V/12V



A 10A (2 x 5A) 6/12V Two Bank Auto Maintenance Charger

Model No. **MBC250**

Compact 6/12V dual bank battery charger perfect for automotive, motorcycle and marine workshops. Suitable for charging a variety of batteries, charger reacts continuously to battery condition and delivers whatever charge rate is required. Two bank charger outputting 2 x 5A depending on the condition and charge of each battery. Constantly regulated voltage patterns allow the battery to be recharged fully and safely without fear of overcharging. Compatible with all AGM, Gel and VRLA flooded batteries commonly found in everything from automotive and farm equipment to motorcycles, ATVs, golf buggies and lawnmowers.

Output:	6/12V
Banks:	2
Output Charge (Each Bank):	5A

B 2A
6V/12V



B 8A (4 x 2A) 6/12V Four Bank Auto Maintenance Charger

Model No. **MBC420**

Compact 6/12V quad bank battery charger perfect for automotive, motorcycle and marine workshops. Suitable for charging a variety of batteries, charger reacts continuously to battery condition and delivers whatever charge rate is required. Four bank charger outputting 4 x 2A depending on the condition and charge of each battery. Constantly regulated voltage patterns allow the battery to be recharged fully and safely without fear of overcharging. Compatible with all AGM, Gel and VRLA flooded batteries commonly found in everything from automotive and farm equipment to motorcycles, ATVs, golf buggies and lawnmowers.

Output:	6/12V
Banks:	4
Output Charge (Each Bank):	2A



C - G Compact Auto Smart Chargers

Model No. **SEE BELOW**

Dual voltage smart charger/maintainers ensure that the battery is kept fully charged and ready to use for extended periods of time. Clear, easy-to-read LED status lights on **AUTOCHARGE100HF** and **AUTOCHARGE200HF** indicate the current charging or 'float' mode. Heavy-duty case with simple controls. Charges conventional lead acid, AGM/GEL and lithium (not **C**) batteries. Inbuilt reverse polarity protection.

	C	D	E	F	G
Model No:	AUTOCHARGE100HF	AUTOCHARGE200HF	AUTOCHARGE400HF	AUTOCHARGE650HF	AUTOCHARGE1200HF
Supply:	230V	230V	230V	230V	230V
Output:	6/12V	6/12V	6/12V	6/12V	12/24V
Output Charge:	1A	2A	4A	6.5A	12A
Battery Range:	0.8-14Ah	1.3-60Ah	0.8-120Ah	1.3-200Ah	1.3-400Ah
Cable Length:	1m	1m	0.9m	0.9m	1.4m
IP Rating:	IP20	IP65	IP65	IP65	IP20
Weight:	0.25kg	0.58kg	0.66kg	1.03kg	1.35kg



A 25A 12V/24V Battery Support Unit & Charger
Model No. BSCU25

High frequency inverter type unit designed to both charge a battery and provide support for the battery during prolonged electronic diagnostic checks. Charge cycle has nine profiles designed to optimise the condition of the battery and the speed of the charge. Designed for use with vehicle batteries including Calcium, Wet, Gel, AGM and VRLA types on 12V and 24V systems. Temperature sensor allows accurate charging of battery, even when cold. Safety circuitry prevents sparks or polarity reversal. Once fully charged, battery may be left connected to be automatically conditioned and maintained.

Type:	B-Cycle with Support
Supply:	230V
Output:	12V/24V
Output Charge:	12V - 25A, 24V - 12.5A
Battery Support Mode:	<300W, 25A Continuous
Battery Range:	12V - 75-500Ah, 24V - 45-250Ah



B 30A 12V DC to DC Battery Charger
Model No. DCBC30

DC TO DC battery charger ideal for charging an auxiliary battery in vehicles such as camper vans and caravans. Will charge your second battery whilst driving and will be linked to the ignition switch to avoid draining your main battery. Suitable for 12V Gel, AGM, Calcium and conventional Lead Acid batteries. Can be used in conjunction with a solar panel when the vehicle is switched off. Protected against short circuits, open circuits, output reverse polarity, over charging, over-current and overheating. Rated at IP65 water resistance.

Input:	11.5V - 15.5V
Output:	13.3V - 16V
Output Charge:	30A DC
Battery Range:	60-300Ah (2000 CCA)
Cable Length:	270mm
Weight:	1.3kg
IR Rating:	IP65
Solar Input (Optional):	3-Stage (Max Solar Input 25W/400W)
Working Temperature Range:	-10 to +90°C



C

C 100A 12V Schumacher® Battery Support Unit & Charger
Model No. BSCU170

Fully automatic microprocessor controlled unit designed to both charge a battery and provide support for the battery during prolonged electronic diagnostic checks. Up to 100A power supply maintains stable voltage under varying loads during major vehicle ECU reprogramming and diagnostic work. Voltage settings between 13-14.8V for programming. 5m Heavy-duty cable, clamps and Anderson plug. Recovery/Desulphation mode will recover a discharged battery (>2V) to almost 100% of its original capacity. 70A Continuous output current or up to 100A maximum for up to 3 minutes as required. Patent-Pending "thermal runaway" protection and algorithms allow fast and safe charging. Designed for use with regular automotive, lead-acid, calcium, AGM/GEL and start-stop battery types. Dual temperature controlled cooling fans. Once fully charged, battery may be left connected to be automatically conditioned and maintained. Mounting brackets for installation on vehicle lifts. Durable aluminium case.

Supply:	230V
Output:	12V
Output Charge:	12V - 4A / 20A / 70A
Battery Support Mode:	> 100A - 3 minutes maximum. 70A continuous (13 - 14.8V selectable)
Battery Range:	5 - 1,000Ah

A-C Fully Automatic Battery Chargers

Model No. SEE BELOW

Fully automatic multi-cycle and multi-voltage chargers designed for charging a variety of batteries including GEL, AGM, lead acid, calcium. Zero volt battery charging, enabling recovery and charging of a completely discharged battery. Reverse polarity, short circuit, over temperature and over charging protection on all models. Unique retractable hanging hook and cable management system which allows the clips to be stored neatly away when not in use.



	A	B	C
Model No:	SPBC8	SPBC12	SPBC16
Supply:	230V	230V	230V
Output:	6/12/24V	6/12/24V	6/12/24V
Output Charge:	8A @ 6/12V (4A @ 24V)	12A @ 6/12V (6A @ 24V)	16A @ 6/12V (8A @ 24V)
Battery Range:	40Ah to 100Ah	40Ah to 160Ah	40Ah to 200Ah
Cable Length:	1.2m	1.2m	1.2m
IP Rating:	IP33	IP33	IP33
Dimensions:	193 x 183 x 80mm	193 x 183 x 80mm	193 x 183 x 80mm



D-E Fully Automatic Battery Chargers

Model No. SEE BELOW

Fully automatic multi-cycle and multi-voltage chargers designed for a variety of batteries including GEL, AGM, lead acid, calcium and lithium. Zero volt battery charging, enabling recovery and charging of a completely discharged battery. Additional battery support function. Reverse polarity, short circuit, over temperature and over charging protection on both models.



	D	E
Model No:	SPBC30	SPBC40
Supply:	230V	230V
Output:	6/12/24V	6/12/24V
Output Charge:	30A @ 6/12V (16A @ 24V)	40V @ 6/12V (21V @ 24V)
Battery Range:	60Ah - 300Ah	80Ah - 400Ah
Battery Support Mode:	13.5V dc - 30A	13.5V dc - 40A
Cable Length:	2m	2m
IP Rating:	IP20	IP20
Dimensions:	210 x 76 x 225mm	202 x 76 x 282mm



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A - G Intelligent Battery Chargers

Model No. SEE BELOW

Fully automatic microprocessor controlled dual voltage battery chargers and maintainers, featuring patented Speed Charge technology. These models can charge the battery up to three times faster than conventional chargers without causing damage. Heavy-duty sturdy case with no-nonsense controls and LED status indicators. Battery presets include conventional lead acid, calcium, AGM/GEL, leisure, stop/start and lithium batteries (SPI3S only). Fully automatic float mode ensures the battery is kept fully charged, maintained and ready-to-use.

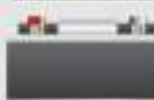
2 YEAR

GUARANTEE*

Suitable for
all these
vehicles:

CHARGES
UP TO
**3X
FASTER**

AUTO
VOLTAGE
DETECTION



Speed Charge patented technology actively monitors the charge acceptance of the battery, along with the temperature. It then adjusts the charge accordingly, ensuring the battery is charged as fast and safely as possible - up to three times faster than traditional chargers.

Automatic
voltage
detection of
6V or 12V
battery.

MICROPROCESSOR
CONTROLLED

Automatic
microprocessor
controlled
battery charger/
maintainer.

Charges conventional Calcium, AGM/GEL, Leisure, Stop/Start batteries and the next generation Lithium vehicle batteries (SPI3S only).

Multi-Stage Charging



1. Analysing Battery
2. Recovery
3. Soft Start
4. Bulk Mode
5. Absorption
6. Monitoring
7. Float Mode
8. Maintain

These unique chargers use Microprocessor Controlled technology with multi-stage charging for added precision, safety and battery life.



H - I Quick Connect Ring Cables

Model No. SEE BELOW

Quick connect battery terminal connection leads with in-line 7.5A or 15A fuse unit and weatherproof cap to offer protection from water ingress when the connector is not in use. Can be left on the vehicle and simply connected to the models listed below.

Model No:	Length:	Fuse:	Use with Models No's:
H QCC7.5A	670mm	7.5A	SPI1S, SPI2S, SPI3S & SPI8S
I QCC15A	670mm	15A	SPI10S



J - K Mounting Brackets

Model No. SEE BELOW

Sliding mounting brackets suitable for use with the models listed below.

Model No:	Use with Models No's:
J SPIMB1	SPI8S & SPI10S
K SPIMB2	SPI15S

	A	B	C	D	E	F	G
Model No:	SPI1S	SPI2S	SPI3S	SPI6S	SPI10S	SPI15S	SPI1224S
Output:	6/12V	6/12V	12V	12V	12V	12V	12/24V
Output Charge:	1A	2A	3A	6A	10A	15A	15A/10A
Battery Range:	Lead Acid 12Ah(6V), 12-35Ah(12V)	Lead Acid 12Ah(6V), 12-35Ah(12V)	Lead Acid 12-59Ah LiFePO4 3-50Ah	Lead Acid 6-130Ah	Lead Acid 10-230Ah	Lead Acid 15-230Ah	Lead Acid 40-230Ah
Cable Length:	1.8m	1.8m	2m	1.8m	1.8m	1.8m	1.9m
Supply:	230V	230V	230V	230V	230V	230V	230V
Weight:	0.7kg	0.9kg	0.8kg	1.4kg	1.4kg	1.5kg	3.1kg
IP Rating:	IP54	IP54	IP64	IP20	IP20	IP20	IP20

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D - G See specification table on opposite page.

**L - Q 12/24V
Battery Chargers**
 Model No. **SEE BELOW**

Steel case with carry handle, these single phase chargers feature plenty of ventilation to help maintain low transformer temperatures. A large ammeter displays rate of charge and a dash-mounted fuse provides polarity protection in the event that clips are connected incorrectly. Rocker switches control variable output to the battery to maintain peak condition. Suitable for regular and low maintenance batteries.

	L	M	N	O	P	Q
Model No:	CHARGE106	CHARGE107	CHARGE110	CHARGE112	CHARGE115	CHARGE124
Output:	12/24V	12/24V	12/24V	12/24V	12/24V	12/24V
Output Charge Peak(EN):	8A(6A)	11A(7A)	14A(10A)	16A(12A)	19A(15A)	28A(24A)
Battery Range:	10-95Ah	20-105Ah	20-120Ah	20-180Ah	20-250Ah	25-320Ah
Input Charge:	0.4A	0.7A	0.9A	0.9A	0.4A	0.3A
Charging Rates:	2	2	2	2	2	2
Supply:	230V	230V	230V	230V	230V	230V
Polarity Protection:	Fuse (1 x 15A)	Fuse (1 x 15A)	Fuse (1 x 20A)	Fuse (1 x 30A)	Fuse (1 x 30A)	Fuse (1 x 40A)
Fuse:	SBF1550 (Pack of 50)	SBF1550 (Pack of 50)	SBF2050 (Pack of 50)	MF3010 (Pack of 10)	MF3010 (Pack of 10)	MF4010 (Pack of 10)

For our full range of Battery & Alternator Testers, see pages 485 to 488

A 12V/24V



B 12V/24V



C 12V/24V



A - D 12/24V SuperBoost Starter/Chargers

Model No. SEE BELOW

Combination units capable of both charging batteries and providing boost power to help start vehicles with flat batteries. Models feature easy-to-read ammeters and illuminated power switches. All models have dual output (12 and 24V) and circuitry is protected by a panel mounted fuse. Model No's SUPERBOOST 140 and SUPERBOOST 160 are suitable for fleet operators running cars and van derivatives. Model No's SUPERBOOST 180 and SUPERBOOST 200 are suitable for heavier garage use for engines up to 3L capacity. All models have built-in polarity protection.

	A	B	C	D
Model No:	SUPERBOOST 140	SUPERBOOST 160	SUPERBOOST 180	SUPERBOOST 200
Output:	12/24V	12/24V	12/24V	12/24V
Output Charge Peak(EN):	21A(14A)	30A(20A)	40A(25A)	45A(30A)
Output Start Peak(EN):	140A(80A)	160A(110A)	180A(120A)	200A(180A)
Battery Range:	15-240Ah	15-300Ah	20-400Ah	30-500Ah
Input Charge:	2.7A	3.5A	4.5A	5.4A
Input Start:	11A	12.5A	15.5A	19.5A
Charging Rates:	3	3	3	3
Supply:	230V	230V	230V	230V
Polarity Protection:	Fuse (1 x 50A)	Fuse (1 x 80A)	Fuse (1 x 80A)	Fuse (1 x 110A)
Fuse:	120/802309 (Pack of 20)	120/802260 (Pack of 20)	120/802260 (Pack of 20)	START 180.F20 (Pack of 20)
	120/122351 (Single)	120/122351 (Single)	120/122351 (Single)	START 180.F (Single)

D 12V/24V



See pages 485 to 488 for our full range of Battery Drop Testers.

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Faster - Safer - Smarter

CHARGES
UP TO
3X
FASTER

Speed Charge patented technology actively monitors the charge acceptance of the battery, along with the temperature. It then adjusts the charge accordingly, ensuring the battery is charged as fast and safely as possible - up to three times faster than traditional chargers.

AUTO
VOLTAGE

Automatic voltage detection of 6V or 12V battery.

MICROPROCESSOR
CONTROLLED

Automatic microprocessor controlled battery charger/maintainer.



Charges conventional Calcium, AGM/GEL, Leisure and Stop/Start batteries.

E Schumacher® 6/12V 150A Starter/20A Intelligent Speed Charge Battery Charger

Model No. SCI90S

Powerful microprocessor controlled battery charger, suitable for batteries up to 230Ah. Digital display and 150A engine start function. Charges conventional Calcium, AGM/GEL, leisure and stop/start batteries. Patented Speed Charge technology ensures shortest possible charge time while minimizing the risk of gassing and damage to the battery. Features deep discharge programme and includes automatic maintenance mode to keep batteries at optimum levels for extended periods of time. Includes built-in digital voltmeter and state-of-charge test control.

E



20A

6V/12V

WEB
VIDEOSTART
CHARGE

Output:	6/12V
Output Charge:	3/5/20A
Output Start:	150A
Battery Range:	12-230Ah
Cable & Clamp Length:	1.8m
Supply:	230V
Weight:	5.82kg

A - E 12/24V Starter/Chargers

Model No. SEE BELOW

Heavy-duty starter/chargers for professional garages, workshops or bodyshops. The START range caters for all requirements from cars right up to light commercial vehicles. Model No's START560, START660 and START800 feature a fast-charge timer device to enable rapid battery recovery with reduced risk of boiling the battery. All models have large wheels for easy mobility and feature analogue ammeters and switchable charge circuitry for accurate charge control.



	A	B	C	D	E
Model No:	START320	START420	START560	START660	START800
Output:	12/24V	12/24V	12/24V	12/24V	12/24V
Output Charge Peak(EN):	45A(30A)	60A(40A)	95A(85A)	100A(70A)	110A(75A)
Output Start Peak(EN)*:	320A(220A)	420A(280A)	560A(360A)	660A(400A)	800A(640A)
Battery Range:	30-500Ah	30-700Ah	50-1000Ah	50-1200Ah	20-1200Ah
Input Charge:	5A	6.5A	11.5A	12.5A	4A
Input Start:	20A	22A	44A	46A	28A
Charging Rates:	3	3	6	6	8
Fast-Charge Timer:	✗	✗	✓	✓	✓
Supply:	230V	230V	230V	230V	400V
Polarity Protection:	Fuse (1 x 110A)	Fuse (1 x 110A)	Fuse (2 x 110A)	Fuse (2 x 110A)	Fuse (3 x 110A)
Fuse:	START360.F10 (Pack of 10) START360.F (Single)	START360.F10 (Pack of 10) START360.F (Single)	START360.F10 (Pack of 10) START360.F (Single)	START360.F10 (Pack of 10) START360.F (Single)	START360.F10 (Pack of 10) START360.F (Single)

*Performance dependent on connection to an adequate, good clean electric supply.



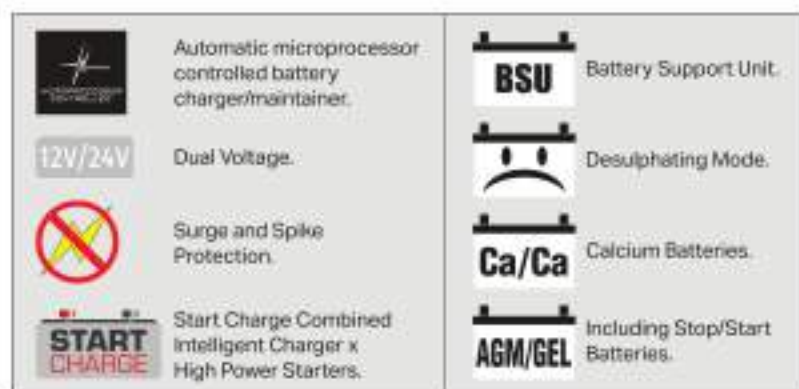
A - E 12/24V SUPERSTART Starter/Chargers

Model No. SEE BELOW

Heavy-duty professional starter/chargers. All SUPERSTART models are fitted with a heavy-duty transformer, flush mounted digital ammeter and variable charge rate controls. Where larger vehicles are concerned, we recommend Model No's SUPERSTART550 and SUPERSTART650, which feature a fast-charge timer device to enable rapid battery recovery with a reduced risk of boiling the battery. Quick-charge facility allows the maximum charge output to be utilised for up to one hour, after which it is automatically cut off.

	A	B	C	D	E
Model No:	SUPERSTART300	SUPERSTART400	SUPERSTART500	SUPERSTART550	SUPERSTART650
Output:	12/24V	12/24V	12/24V	12/24V	12/24V
Output Charge Peak(EN):	45A(30A)	60A(40A)	75A(50A)	80A(70A)	100A(80A)
Output Start Peak(EN)*:	300A(200A)	400(300A)	500(350A)	550(400A)	650(450A)
Battery Range:	30-350Ah	30-450Ah	30-550Ah	30-650Ah	30-750Ah
Input Charge:	1.5kW - 6.5A	1.5kW - 6.5A	1.6kW - 7A	2kW - 8.5A	2.3kW - 10A
Input Start:	5kW - 21A	6kW - 26A	10kW - 43A	10.5kW - 46A	11kW - 50A
Charging Rates:	4	4	4	5	5
Fast-Charge Timer:	✗	✗	✗	✓	✓
Supply:	230V - 16A Supply	230V - 16A Supply	230V - 16A Supply	230V - 16A Supply	230V - 32A Supply
Polarity Protection:	Fuse (1 x 80A)	Fuse (2 x 80A)	Fuse (2 x 80A)	Fuse (3 x 100A)	Fuse (3 x 100A)
Fuse:	120/802260 (Pack of 20) 120/122351 (Single)	120/802260 (Pack of 20) 120/122351 (Single)	120/802260 (Pack of 20) 120/122351 (Single)	120/802131 (Pack of 20) 120/122452 (Single)	120/802131 (Pack of 20) 120/122452 (Single)

*Performance dependent on connection to an adequate, good clean electric supply.



A - D 12/24V Electronic Starter/Chargers

Model No. SEE BELOW

Fully electronic, microprocessor controlled battery starter/chargers designed to meet the requirements of modern battery technology. Suitable for AGM/GEL, Lead Acid, and Lead Calcium as well as stop/start batteries found on electric and hybrid vehicles. Features up to 10 analysis and charge phases and suitable for 12V & 24V electrical systems. Instant visual check of battery condition, charge current, voltage and charging rate via LED read-out. Stabilised charging current allows improved charging efficiency and reduced charging times using ECS (Electronic Control Systems) technology. Includes circuitry to provide surge and spike protection during charging and starting, preventing damage to vital systems such as ABS, airbag sensors, ignition and music systems. Features power supply mode, providing support for the battery to prevent it from being drained during prolonged electronic diagnostic checks and software updates.

	A	B	C	D
Model No:	ECS300	ECS350	ECS400	ECS650
Output:	12V/24V	12V/24V	12V/24V	12V/24V
Output Charge Peak(EN):	45A(30A)	60A(40A)	75A(50A)	100A(70A)
Output Start Peak(EN):	300A(200A)	350A(250A)	400A(300A)	650A(450A)
Battery Range:	4-350Ah	4-450Ah	4-550Ah	4-700Ah
Input Charge:	1kW - 4A	1.1kW - 5A	1.5kW - 6.5A	2kW - 8.5A
Input Start:	5kW - 21A	6kW - 26A	10kW - 43A	12kW - 52A
Charging Rates:	3 x Preset + 1 x Variable to Maximum Current	3 x Preset + 1 x Variable to Maximum Current	3 x Preset + 1 x Variable to Maximum Current	3 x Preset + 1 x Variable to Maximum Current
Supply:	230V - 16A Supply	230V - 16A Supply	230V - 32A Supply	230V - 32A Supply
BSU Supply:	20A - 13.5V	25A - 13.5V	30A - 13.5V	40A - 13.5V
Polarity Protection:	Fuse (1 x 80A)	Fuse (2 x 80A)	Fuse (2 x 100A)	Fuse (3 x 100A)
Fuse:	120/802260 (Pack of 20) 120/122351 (Single)	120/802260 (Pack of 20) 120/122351 (Single)	120/802131 (Pack of 20) 120/122452 (Single)	120/802131 (Pack of 20) 120/122452 (Single)

ELECTRO⁺ START BATTERYLESS STARTING

- ✓ Small enough to fit in glove box.
- ✓ Lightweight.
- ✓ No internal battery means no storage or maintenance issues.
- ✓ No need to keep charged.
- ✓ Patented technology.



PATENTED
TECHNOLOGY



A - E 12V ElectroStart® Batteryless Jump Starters

Model No. SEE BELOW

Vehicle jump starting made easy with innovative technology. Unlike traditional boosters does not require an internal battery. Simply connect to a flat vehicle battery and the unit will draw power from it and energise itself fully in a matter of minutes. It then pushes full power safely back through the starting system, jump starting the vehicle. If the vehicle battery is faulty or is holding less than 5 volts, the ElectroStart® can be pre-charged via another vehicle's battery, a Micro USB charging cable (supplied with Model No. E/START800), or the 12V accessory lead (excludes E/START1224). No internal battery means no storage issues. Compact and lightweight for easier handling and storage, yet still delivers the same result as heavy, bulky, lead acid battery equivalents. Ideal for both professional mechanics and DIY users.



F 15V 2A ElectroStart® Smart Charger Adaptor

Model No. E/START2A

Dual purpose smart charger for use with our range of E/START digital models. Will fully charge the unit within 5 minutes. Converts any compatible E/START unit into a 12V battery charger.

	A	B	C	D	E
Model No:	E/START800	E/START1100	E/START1600	E/START1224	E/START3012
Output:	12V	12V	12V	12/24V	12V
Output Start Peak(EN):	800A(400A)	1100A(550A)	1600A(800A)	1000A(500A) 12V 1600A(800A) 24V	3000A(1500A)

Supply:	230V
Output:	15V/2A
Applications:	E/START800.V2, E/START1100.V2, E/START1600.V2

A 800A 12V ElectroStart® Hybrid Jump Starter
 Model No. E/START800HY

Vehicle jump starting made easy with innovative technology. Unlike traditional boosters it does not require an internal battery as a primary power source but incorporates a lithium battery pack to energise capacitors when vehicle battery is not sufficient. Simply connect to the vehicle's battery, even if discharged, and the unit will draw enough power to energise itself in a matter of minutes. Power can then be pushed safely back through the starting system to jump start the vehicle. If the vehicle battery is faulty or is holding less than 5 volts the E/START800HY can be pre-charged via an internal lithium battery pack, another vehicle's battery, a Micro USB charging cable or 12V accessory lead. The digital display indicates battery voltage, capacitor charge and faults. The internal battery can hold its charge whilst not in use, and without a battery to charge the device is ready to use in a matter of minutes. Compact and lightweight for easier handling and storage, yet still delivers the same result as heavy, bulky, lead acid battery equivalents. Ideal for both professional mechanics and DIY users.

Output:	12V
Output Start Peak(EN)	800A(400A)
Maximum Starting Capacity:	Petrol: 3L, Diesel: 2L
Cable & Clamp Length:	500mm
Size (W x D x H):	130 x 50 x 195mm


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B - D Lithium Jump Starter Power Packs
 Model No. SEE BELOW

All units are powered by Lithium-ion technology and fully protected against reverse charging and overload. Easily fit in a glove box or backpack and benefit from being compact, lightweight units which provide high amperage output. Lithium-ion batteries have numerous advantages over lead acid, including a flat discharge curve. This ensures a greater and extended performance and holds the charge for up to five times longer with high energy density levels giving more battery power per gram. Includes an integral work light for use at night. All units fitted with two USB outlets (5W/2.4A and QC 3.0), which can also supply several full charges for smartphones and MP3 players or one full charge for your tablet/laptop.

	B	C	D
Model No:	SL65S	SL67S	SL69S
Capacity:	8Ah @ 3.2V, 2Ah @ 12.8V	10Ah @ 3.2V, 2.5Ah @ 12.8V	15Ah @ 3.2V, 3.75Ah @ 12.8V
Voltage:	12V	12V	12V
Cable & Clamp Length:	430mm	440mm	440mm
Maximum Capacity:	2L Petrol/1.6L Diesel	4L Petrol/2L Diesel	6L Petrol/3L Diesel
Weight:	0.74kg	0.59kg	0.77kg
Size (W x D x H):	81 x 26 x 128mm	84 x 34 x 173mm	95 x 40 x 185mm


E Hardwired Watertight Cable for Sealey Compact Lithium Power Packs
 Model No. SL66S

Hardwired jump lead cables provide a permanent socket for use with Models listed below, eliminating the need for tools to access the battery terminals. Used in conjunction with SL65S/SL67S/SL69S and other compact jump starters, this is perfect for motorbikes with batteries under seats or behind panels. Watertight plug and insulated cables allow for permanent fitment. Features smart cable technology that monitors and protects against reverse charging.

Length:	640mm
Applications:	SL65S/SL67S/SL69S

RoadStart® Jump Starters

These devices can be carried as easily as a briefcase, yet deliver enough power to start up to 30 vehicles, dependent on specification and size of engine.

The strength of these products lies in the choice and development of the integral battery. The batteries are selected for their cyclic efficiency - their ability to accept, store and release charge time after time and our battery program is amongst the best on the market.

RoadStart® units may also be used to power 12V DC items, such as lighting or tools, using the integral vehicle accessory socket. The RoadStart® units can also be used to retain the memory codes on car radios and alarms whilst the main battery is disconnected.

A 900 Peak Amps 12V



B



900 Peak Amps 12V 80psi

Integral Compressor



B

Model No's. RS132 and RS1322HV feature an integral air compressor with pressure gauge.

C 900 Peak Amps 12V



D



900 Peak Amps 12V 80psi

Integral Compressor



D

A - D 900A 12V RoadStart® Emergency Jump Starters

Model No. SEE BELOW

Composite case with moulded rubber protection, integral battery cable storage and carry handle. LED Battery condition, polarity check, with audible warning if polarity is reversed, and charge indicators. Features independent on/off switch which allows the positive clamp to be connected without the risk of sparking, and an integral LED work light for use at night. Model No's. RS132 and RS1322HV feature integral air compressor with pressure gauge for accurately topping/pumping up tyres. Fitted with two 12V power sockets that will accept any 12V device fitted with a vehicle accessory socket plug. Also features a USB outlet (5W/1A). Supplied with mains charger.

	A	B	C	D
Model No:	RS131	RS132	RS1312HV	RS1322HV
Cold Cranking Amps:	400A	400A	400A	400A
Peak Amps:	900A	900A	900A	900A
Voltage:	12V	12V	12V	12V
Auxiliary Output:	1 x USB - 5W/1A, 2 x 12V Port	1 x USB - 5W/1A, 2 x 12V Port	1 x USB - 5W/1A, 2 x 12V Port	1 x USB - 5W/1A, 2 x 12V Port
Cable & Clamp Length:	720mm	720mm	725mm	725mm
Integral Air Compressor:	X	✓	X	✓
Maximum Pressure:	n/a	80psi	n/a	80psi
Weight:	6.6kg	6.75kg	6.6kg	6.75kg



A 1000A 12V RoadStart®
Emergency Jump Starter
Model No. RS1

**1000
Peak Amps**

Composite case with integral battery clip storage and carry handle. LED Battery condition and charge indicators. Test cycle button gives true battery indication. 230V Charger with automatic power cut-off prevents damage to battery whilst charging from the mains. Fitted with 12V power socket that will accept any 12V device with a vehicle accessory socket plug. Supplied with mains charger.

B 1600A 12V RoadStart®
Emergency Jump Starter
Model No. RS102

**1600
Peak Amps**

Composite case with integral battery clip storage hoods and carry handle. LED Battery condition and charge indicators. Test cycle button gives true battery indication. 230V Charger with automatic power cut-off prevents damage to battery whilst charging from the mains. Fitted with 12V power socket that will accept any 12V device with a vehicle accessory socket plug. Supplied with mains charger.



C 3000/1500A 12V/24V
RoadStart® Emergency Jump Starter
Model No. RS125

**3000
Peak Amps**

Composite case with battery clip storage lugs and carry handle. Easy-to-read, colour-coded analogue gauge measures battery condition and charge indicator. Audible warning system for polarity protection. Positive cable fitted with protection against reverse charging from the vehicle. Test cycle button gives true battery indication. 230V Charger with automatic power cut-off prevents damage to battery whilst charging from the mains. Fitted with a power socket that will accept any 12V device with a vehicle accessory socket plug. Supplied with mains charger.



D 3200A 12V RoadStart®
Emergency Jump Starter
Model No. RS103

**3200
Peak Amps**

Composite case with integral battery clip storage and carry handle. Two batteries, connected in parallel give high peak and cranking currents. LED Battery condition indicators. Fitted with 12V power socket that will accept any 12V device with a vehicle accessory socket plug. Supplied with mains charger.



E 3200/1600A 12/24V
RoadStart® Emergency Jump Starter
Model No. RS105

**3200
Peak Amps**

Composite case with integral battery clip storage and carry handle. Two batteries, connected in either parallel or series to suit the output voltage, give high peak and cranking currents. Fitted with low voltage switch for use when on 24V system recharge, connecting unit to battery producing less than 1V. LED Battery condition indicators. Test button gives indication of battery condition. Fitted with 12V power socket that will accept any 12V device with a vehicle accessory socket plug. Supplied with mains charger.



	A	B	C	D	E
Model No:	RS1	RS102	RS125	RS103	RS105
Cold Cranking Amps:	300A	600A	12V-1200A, 24V-600A	1000A	12V - 1000A, 24V - 500A
Peak Amps:	1000A	1600A	12V-3000A, 24V-1500A	3200A	12V - 3200A, 24V - 1600A
Voltage:	12V	12V	12V or 24V Switchable	12V	12V or 24V Switchable
Auxiliary Output:	12V	12V	12V	12V	12V
Cable & Clamp Length:	0.5m	1m	1m	1.8m	1.8m
Weight:	7.68kg	9kg	15kg	17kg	18.2kg

F **NEW**
15V 1.0A
Universal Adaptor
Model No. RS10AUA

Universal adaptor 1.0A 15V 15W Max.



A-C RoadStart® Compact Jump Starters

Model No. SEE BELOW

All units feature high output sealed AGM battery with clamp storage and rope carry handle. Suitable for starting petrol and diesel engines. Front panel includes an integral LED work light. Reverse polarity and short circuit protection with audible warning. Mains charger with automatic power cut-off prevents damage to battery whilst charging. Inbuilt MOSFET circuit protection. Single 5V 2.4A USB output. Supplied with mains charger. Durable case protects units when stored.

	A	B	C
Model No:	RS1C	RS102C	RS103C
Cold Cranking Amps:	130A	280A	400A
Peak Amps:	800A	1200A	1700A
Voltage:	12V	12V	12V
Auxiliary Output:	USB - 5V/2.4A	USB - 5V/2.4A	USB - 5V/2.4A
Cable & Clamp Length:	300mm	300mm	300mm
Weight:	2.33kg	3.5kg	6.18kg



D 1200/450A 12/24V Jump Starter Power Pack

Li-ion Phosphate (LiFePo4)

Model No. SL32S

Fully protected against reverse charging and overload. Compact, lightweight unit that also provides high power output. Includes an integral 3W work light for use at night. Capable of supplying up to ten full charges for smartphones and MP3 players or one full charge for your tablet computer. Includes a 12V port to be used with accessory socket adaptor supplied and three mobile phone or tablet charging cables. The unit can act as a memory saver during vehicle diagnostics (also requires Model No. VS2073, for details see page 484).

Starting Current:	12V-600A, 24V-300A
Voltage:	12V or 24V Switchable
Auxiliary Output:	USB (5V/1A & 5V/2A), 12V Port
Cable & Clamp Length:	565mm Cable (Clamp - 135mm), USB Cable: 227mm
Maximum Starting Capacity:	12V: Petrol - 5L, Diesel - 3.6L, 24V: 450hp
Peak Amps:	12V-1200A, 24V-450A
Light Output:	3W
Weight:	2.7kg
Size (W x D x H):	292 x 79 x 233mm





A 900A 12V RoadStart® Emergency Jump Starter
Model No. RS1B

Composite case with integral battery clamp storage and carry handle. Suitable for starting vehicles with 4-cylinder petrol or diesel engines up to 2L. Front panel displays internal battery charge level and includes an integral LED work light. Reverse polarity and short circuit protection with audible warning. Mains charger with automatic power cut-off prevents damage to battery whilst charging. Inbuilt MOSFET circuit protection. Fitted with two 12V power sockets that will accept any 12V device with a vehicle accessory socket plug and one 5V 2.4A USB output.



B 1200A 12V RoadStart® Emergency Jump Starter
Model No. RS102B

Composite case with integral battery clamp storage and carry handle. Suitable for starting vehicles with 6-cylinder petrol engines up to 3.5L and 4-cylinder diesel engines up to 3L. Front panel displays internal battery charge level and includes an integral LED work light. Reverse polarity and short circuit protection with audible warning. Mains charger with automatic power cut-off prevents damage to battery whilst charging. Inbuilt MOSFET circuit protection. Fitted with two 12V power sockets that will accept any 12V device with a vehicle accessory socket plug and one 5V 2.4A USB output.



C 1900A 12V RoadStart® Emergency Jump Starter
Model No. RS103B

Composite case with integral battery clamp storage and carry handle. Suitable for starting vehicles with 8-cylinder petrol engines up to 5L and 6-cylinder diesel engines up to 3.5L. Front panel displays internal battery charge level and includes an integral LED work light. Reverse polarity and short circuit protection with audible warning. Mains charger with automatic power cut-off prevents damage to battery whilst charging. Inbuilt MOSFET circuit protection. Fitted with two 12V power sockets that will accept any 12V device with a vehicle accessory socket plug and one 5V 2.4A USB output.



D 2400/1400A 12/24V RoadStart® Emergency Jump Starter
Model No. RS105B

Composite case with integral battery clamp storage and carry handle. Suitable for starting 12V vehicles with 8-cylinder petrol engines up to 6L and 8-cylinder diesel engines up to 4.8L. Also suitable for starting 24V vehicles with 6-cylinder petrol engines up to 3.5L and 6-cylinder diesel engines up to 3L. Front panel displays internal battery charge level and includes an integral LED work light. Reverse polarity and short circuit protection with audible warning. Mains charger with automatic power cut-off prevents damage to battery whilst charging. Inbuilt MOSFET circuit protection. Fitted with two 12V power sockets that will accept any 12V device with a vehicle accessory socket plug.

	A	B	C	D
Model No:	RS1B	RS102B	RS103B	RS105B
Cold Cranking Amps:	200A	300A	420A	12V/24V - 590A/290A
Peak Amps:	900A	1200A	1900A	12V/24V - 2400A/1400A
Voltage:	12V	12V	12V	12V/24V
Auxiliary Output:	USB - 5W/2.4A, 2 x 12V Port	USB - 5W/2.4A, 2 x 12V Port	USB - 5W/2.4A, 2 x 12V Port	2 x 12V Port
Cable & Clamp Length:	0.6m	0.6m	0.7m	0.7m
Weight:	6.7kg	7.8kg	12.3kg	14.5kg

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A



12V

800
Peak Amps2 YEAR
GUARANTEE**A 800A 12V Jump Starter Power Pack Li-ion Phosphate (LiFePO4)
Model No. SL2S**

Fully protected against reverse charging and overload. Lightweight but still provides high power output. Digital display gives step-by-step instructions. Features safe start protection with a 60 second cool down period between jump start attempts. The high power lithium battery coupled with two USB (5V/2.1A) outlets, can also supply up to 10 full charges for smartphones and MP3 players or two full charges for your tablet. Supplied with automatic maintenance charger that features dedicated Lithium charging algorithms and Patented Microprocessor controlled Speed Charging, with thermal runaway protection. Includes a 12V port to be used with accessory socket adaptor supplied. The unit can act as a memory saver during vehicle diagnostics (also requires Model No. VS2073, for details see page 484).

Starting Current:	540A
Voltage:	12V
Auxiliary Output:	2 x USB - 5V/2.1A, 1 x 12V Port
Cable & Clamp Length:	508mm
Maximum Starting Capacity:	5L Petrol/3.6L Diesel
Capacity:	24000mAh @ 3.2V, 6000mAh @ 12.8V
Peak Amps:	800A
Weight:	3kg
Size (W x D x H):	290 x 125 x 190mm

**B 1700A 12V RoadStart® Emergency Jump Starter - DEKRA Approved
Model No. PBI1812S**

22Ah Professional grade, high output AGM battery especially formulated to jump start vehicles. Fully sealed battery enables the unit to be stored in any position. Features a lightweight, high impact casing, which is durable and corrosion proof for easy portability. Battery status LEDs indicate to the user when the battery is at full power, 75% charge, 50% charge or less and when the unit needs to be recharged. A fusible link integrated in the output cable gives increased protection to the unit, while enabling fuse change without disassembly. On/off switch for safety and control. Features 12V accessory outlet including overload and short circuit protection.

Starting Current:	323A
Peak Amps:	1700A
Voltage:	12V
Auxiliary Output:	12V
Cable & Clamp Length:	0.6m
Weight:	7.2kg

B



12V

1700
Peak Amps

C

NEW

6V
12V
24V

16A

**C 16A Fully Automatic Battery Charger
Model No. SPBC16**

Fully automatic 7-stage battery charger, designed to automatically select and charge 6V/12V/24V batteries, while also charging a variety of GEL, AGM, lead acid and calcium batteries with auto chemistry selection. Zero volt battery charging, enabling recovery and charging of a completely discharged battery (providing any load removed from the rechargeable battery). Old battery sulphation repair function. Reverse polarity, short circuit, over temperature and over charging protection. Intuitive LED screen displays illuminated charging stages, volts and amps output and battery capacity. Compact design with unique retractable hanging hook, and cable management system which allows the clips to be stored neatly away when not in use. See page 359 for more details and to see other models in the range.

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A - B RoadStart® Emergency Jump Starters DEKRA Approved Model No. SEE RIGHT

Manufactured with professional grade, high performance AGM battery. The only range of DEKRA approved emergency jump starters on the market. Supplied with microprocessor controlled maintenance chargers enabling these units to be left safely on charge continuously ensuring the booster packs are ready for use. Both units are fitted with an isolating rotary on/off switch and feature a 2-function digital display showing the internal battery level and the vehicle battery voltage. Fitted with a 12V accessory socket and a single 2.1A USB port. A fusible link integrated in the output cable provides surge and spike protection, preventing damage to delicate and sophisticated vehicle electronics, as well as the booster. Heavy-duty clamps are manufactured with a braided link between each jaw for maximum power transmission, whilst also being curved allowing easy access to awkward or hard-to-reach battery terminals. Cable and clamp storage ensure the units are compact and tidy when not in use. Audible warning system (AWS) to advise operator if the units have been turned on for too long without being connected to a battery and for reverse polarity.



	A	B
Model No:	PBI2212GS	PBI4424GS
Starting Current:	900A	1800/900A
Peak Amps:	2300A	4600A(12V)/2300A(24V)
Voltage:	12V	12/24V
Auxiliary Output:	1 x 12V, 1 x USB - 2.1A	1 x 12V, 1 x USB - 2.1A
Cable & Clamp Length:	1.6m	1.7m
Weight:	9.5kg	17.5kg

C - D 12/24V Wheeled RoadStart® Emergency Jump Starters Model No. SEE RIGHT

High performance AGM battery, specially formulated to jump start up to 500hp (Model No. PBIW4600) and 1500hp (Model No. PBI6200) diesel vehicles. Supplied with microprocessor controlled maintenance chargers enabling these units to be left safely on charge continuously ensuring the booster packs are ready for use. Audible warning signals if the units have been turned on for too long without being connected to a battery and reverse polarity. Isolating rotary on/off switch and analogue display showing the internal battery level. 12V Output socket can be used as a memory saver as well as for powering accessories such as mini compressors. A fuse integrated in the (+) clamp provides short-circuit and overload protection. Heavy-duty clamps with a braided link between each jaw for maximum power transmission. Curved clamps provide easier access to awkward battery terminals.



	C	D
Model No:	PBIW4600	PBIW6200
Starting Current:	1800/900A	2400/1200A
Peak Amps:	4600A(12V)/2300A(24V)	6200A(12V)/3100A(24V)
Voltage:	12/24V	12/24V
Auxiliary Output:	1 x 12V	1 x 12V
Cable & Clamp Length:	1.5m	1.5m
Weight:	28.0kg total - 27.3kg for unit 0.7kg for charger	32.2kg total - 31.5kg for unit 0.7kg for charger





A - C PowerStart Emergency Jump Starters Model No. SEE BELOW

Among the heaviest duty jump starters currently available, the PowerStart range is designed for the professional technician. Housed in heavy steel cases, the PowerStart range is rugged enough for the toughest environments and can be used on a wide variety of vehicle applications: Trucks, Buses, Coaches, Construction Machines & Vehicles, Towing & Rescue Vehicles, Recovery Vehicles, Airfield Support Vehicles, Light Aircraft, Marine, Farming & Forestry Vehicles. Designed and made in the EU, these machines offer serious performance for the professional user.

	A	B	C
Model No:	POWERSTART500	POWERSTART900	PSTART1000HD
Output Voltage:	12V/24V	12V/24V	12V/24V
Maximum Engine Size:	500hp	900hp	1000hp
Peak Amps 12V:	4400A	5000A	7000A
Peak Amps 24V:	2200A	2500A	3500A
Cranking Current (20°C 5secs) 12V:	1700A	1900A	1900A
Cranking Current (20°C 5secs) 24V:	850A	950A	950A
Cold Cranking Current (-18°C 30secs) 12V:	700A	760A	800A
Cold Cranking Current (-18°C 30secs) 24V:	350A	380A	400A
Cable Section:	35mm ²	35mm ²	35mm ²
Cable & Clamp Length:	2m	2m	2m
Weight:	23.6kg	30.2kg	29.4kg



A 6/12V Battery Drop Tester
Model No. BT91/7

American-style drop tester. Load applied by internal switchgear - no sparking. Suitable for 6 and 12V batteries. Applies load across cells and measures output on meter. Accurate indication of battery voltage and faulty or short circuited cell.



B 6/12V Professional
Battery Drop Tester - Polarity Free
Model No. BT91/7PF

American-style drop tester. Polarity protected cables - impossible to damage unit by incorrect connection. Load applied by internal switchgear - no sparking. Suitable for 6 and 12V batteries. Applies load across cells and measures output on meter. Accurate indication of battery voltage and faulty or short circuited cell.



C 12V Battery Drop Tester
Model No. BT91/3

Traditionally styled drop tester for all 12V automotive batteries. Applies load across cells and measures output on meter. Accurate indication of battery voltage, faulty cell and short circuited cell.



D 12V Digital Battery & Alternator Tester
Model No. BT102

Compact design digital tester suitable for professional use. Utilises low current draw technology to evaluate condition of SLI, VRLA, AGM and Gel batteries and charging systems. Just key in the battery rating from the top of the battery. Simple, fast and accurate evaluation of battery condition. Results displayed on LED control panel. No internal battery and will test batteries with a residual charge of just 7V. Can also be used to evaluate the condition of the alternator and charging circuitry of the vehicle.

Rated Battery Voltage: 12V Battery, 12V Charging/Starting Systems
Rating Systems: SAE, DIN, EN, IEC, CA
Test Range: 200-1200 CCA* (SAE), 7-15V
Minimum Power Requirement: 7V

*CCA - Cold Cranking Amps



E 6/12/24V Digital Battery &
Alternator Tester
Model No. BT2002

Professional diagnosis of battery and alternator faults. Test battery condition with as little as 1V of residual charge. No heat, no sparks and no misdiagnosis. Checks condition of starter - no complicated connections or interpretation required. Analyse the vehicle's charging system at rest and under load to determine condition of alternator. Connect and follow the prompts on the LCD screen for straightforward answers. Incorporates simple voltmeter for voltage tests and additional system diagnostics. Rugged construction with protective cover.

Rated Battery Voltage: 6/12V
Charging System Capability: 6/12/24V**
Rating Systems: SAE, DIN, EN, IEC
Test Ranges: 40-2100 CCA* EN, 40-2000 CCA* SAE, 30-1500 CCA* IEC, 25-1300 CCA* DIN
Minimum Power Requirement: 1.5V

*CCA - Cold Cranking Amps ** 24V Alternator Test only



F 12V Digital Battery & Alternator Tester
with Printer
Model No. BT2012

Fast and accurate diagnosis of battery and alternator faults with facility to print the results. Large LCD display shows charging and starting system status and returns decision making information in seconds. Results need no interpretation and the tester will work on batteries with as little as 1.5V of residual charge.

Rated Battery Voltage: 12V
Rating Systems: DIN, EN, IEC, SAE
Test Ranges: 50-1400 CCA* EN, 50-800 CCA* DIN, 50-1400 CCA* EN, 50-800 CCA* IEC, 50-1400 CCA* SAE
By Battery Type JIS
Voltage Range: 1.5-17V
Replacement Printer Rolls: BT2012V2-01 (Pack of 2)
Battery: 1 x 9V (not supplied)

*CCA - Cold Cranking Amps



BATTERY CHARGERS
See pages 356 to 365
for our full range of DIY
and Professional Battery
Chargers.



**BATTERY ALTERNATOR
TESTERS**
See pages 485 to 488 for
our full range of Battery &
Alternator Testers.



A 100A Copper Motorcycle
Booster Cables - 5mm² x 1.5m
Model No. BC0515

Designed for both professionals and DIY users. Fully insulated clamps and 5mm² copper cable for use on motorcycles, quads and ATVs or any other application where access is limited. Quality PVC sheathed copper welding cable gives maximum power transfer yet remains flexible. Resistant to oil, grease and most acids. Insulated clamps with strong return springs help reduce the heating effect of power transfer. Supplied in reusable bag with operating guidelines.

Cable Section:	5mm ²
Length:	1.5m
Capacity:	100A



B Booster Cables
Model No. SEE BELOW

PVC Sheathed copper coated aluminium cables give maximum power transfer yet remains flexible. Resistant to oil, grease and most acids. Insulated and oversized clamps with strong return springs help reduce the heating effect of power transfer. Supplied in reusable nylon bag with operating guidelines.

Model No:	Cable Section:	Length:	Capacity:
BC1630	16mm ²	3m	220A
BC2535	25mm ²	3.5m	350A
BC3545	35mm ²	4.5m	480A



C 600A Booster Cables - 40mm² x 5m
Model No. BC4050HD

PVC Sheathed copper covered aluminium cable for minimum heating and maximum power transfer. Resistant to grease, oil and most acids. Heavy-duty clamps fitted with heavy insulating sleeves and strong clamp spring. Suitable for cars, light commercial, commercial, PSV, marine and agricultural applications. Supplied in tough storage case with operating guidelines.

Cable Section:	40mm ²
Length:	5m
Capacity:	600A



D Copper Booster Cables
Model No. SEE BELOW

Quality PVC sheathed copper welding cables give maximum power transfer yet remains flexible. Resistant to oil, grease and most acids. Insulated and oversized clamps with strong return springs help reduce the heating effect of power transfer. Supplied in reusable bag with operating guidelines.

Model No:	Cable Section:	Length:	Capacity:
BC/10/2.5	10mm ²	2.5m	160A
BC/16/3	16mm ²	3m	300A
BC/25/3.5	25mm ²	3.5m	600A
BC/25/5	25mm ²	5m	600A



E 600A Copper Booster Cables - 25mm² x 5m
HD Clamps
Model No. BC25/5/HD

Large, oversized clamps help prevent power loss through the heavy-duty 25mm² stranded copper cable. Cables resistant to grease, oil and most acids. Suitable for cars, light commercial, commercial, PSV, marine and agricultural applications.

Cable Section:	25mm ²
Length:	5m
Capacity:	600A

ARE YOU GETTING WHAT YOU PAY FOR?



The top picture shows a competitor's 25mm² cable. It has similar external dimensions but when compared to the bottom picture, which is our Model No. BC/25/3.5, it has 67% less copper. The cable in the top picture actually uses 17% less copper than the 10mm² cable in our Model No. BC/10/2.5. Not only are you paying for something you are not getting, the performance will be very poor in comparison.



A Extra-Heavy-Duty Copper Booster Cables

Model No. **SEE BELOW**

PVC Sheathed copper welding cable for minimum heating and maximum power transfer. Resistant to grease, oil and most acids. Extra-heavy-duty brass clamps fitted with heavy insulating sleeves and strong clamp spring. Suitable for cars, light commercial, commercial, PSV, marine and agricultural applications. Patented clamps.

Model No:	Cable Section:	Length:	Capacity:
SBC/25/5/EHD	25mm ²	5m	650A
SBC/35/5/EHD	35mm ²	5m	750A
SBC50/6.5/EHD	50mm ²	6.5m	900A



B - C Booster Cables with Electronics Protection

Model No. **SEE BELOW**

PVC sheathed copper coated aluminium cables give maximum power transfer yet remain flexible. Resistant to oil, grease and most acids. Insulated heavy-duty clamps reduce the heating effect of power transfer. Features an LED display unit which shows the battery voltage and includes a reverse polarity indicator and alarm. In-line surge protector helps to prevent electrical spikes occurring. Additional features also include alternator charge check and battery condition check. Supplied in storage case.

	B	C
Model No:	BC16403SR	BC25635SR
Cable Section:	16mm ²	25mm ²
Length:	3m	3.5m
Capacity:	400A	600A

E ProJump Booster Cables with Electronics Protection

Model No. **SEE BELOW**

Surge and spike protection, fitted in-line with heavy-duty booster cables. Clever traffic-light LEDs show when protection is in place and it is safe to proceed jump-starting.

Model No:	PROJ/12	PROJ/12/24
Voltage/Capacity:	12V/400A	12 & 24V/450A
Cable Section:	20mm ²	25mm ²
Length:	5m	7m



For our range of Battery Chargers, see pages 356 to 365.



TRAFFIC LIGHT SEQUENCE FOR PROJUMP BOOSTER CABLES			
	Red LED STOP and disconnect clamps - polarity is reversed.		Amber LED Donor Battery is not in good condition and permanent damage may occur if you attempt to start a vehicle. Stop and change donor battery.
			Green LED Clamps correctly connected. Battery being tested is in good condition. Proceed.