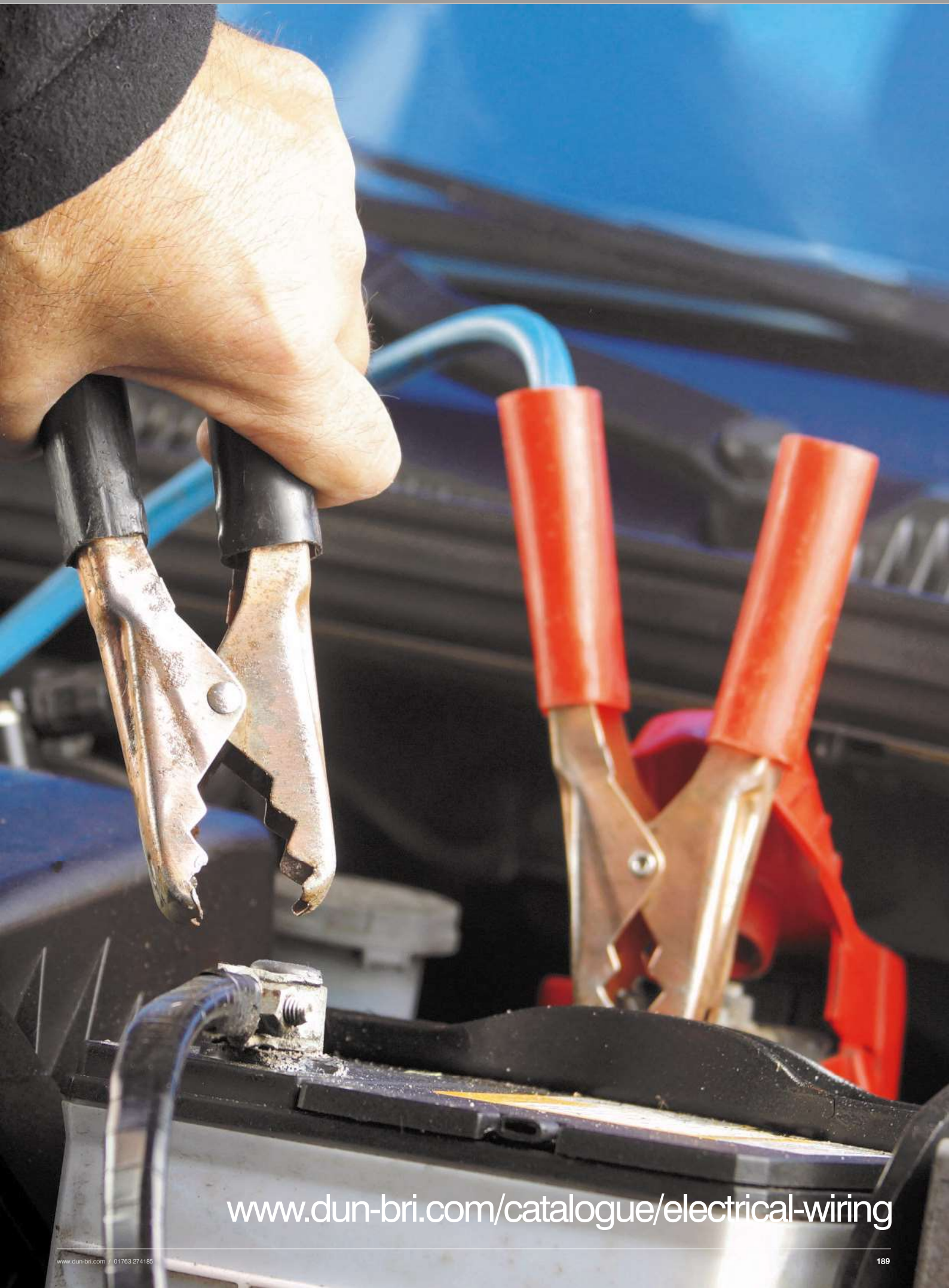


POWER MANAGEMENT

191 BATTERY CHARGERS
193 INVERTERS & CONVERTERS

At Dun-Bri Group, we have a select range of tried and tested battery chargers for a wide range of applications, voltage inverters and modified and pure sine wave converters. If you need additional information, or any help and advice prior to purchase, please call us on 01763 274185.





www.dun-bri.com/catalogue/electrical-wiring

FIND BY PRODUCT TYPE

**Battery chargers**

Page 191

Whether you are searching for a suitable charger for a leisure or main vehicle/marine battery - we're sure to have a charger that is ideal for use

**Inverters & converters**

Page 193

Choose from a range of voltage inverters, droppers and either pure or modified sine wave converters

For clarity, we have included our most commonly ordered parts in this catalogue. If you can't find what you're looking for or are unsure what you need, or which part number to use, please call us for help and advice on **01763 274185**

6v Intelligent Battery Charger


 6.3MM
BLADE
TERMINALS

Part number	Type		Item dimensions (hwd)	Quantity supplied
	Voltage	Max. rating		
996.RE03A6	6v	300mA	102mm x 61mm x 47mm	1

i Intelligent battery charger for AGM, gel, SLA and MF type batteries. Ability to charge batteries that have drained to a low voltage level, including fire and security equipment. LED indicators and protection from short and open circuit, as well as reverse polarity. Features high-temperature shut-off.

C Black
X 102mm (h) x 61mm (w) x 47mm (d)
✓ 72/23/EEC; 89/336/EEC; CE

12v/24v Intelligent Battery Chargers


 WITH
CROCODILE
CLIPS

Part number	Type		Item dimensions (hwd)	Quantity supplied
	Voltage	Max. rating		
996.RE03A12	12v	3A	143mm x 103mm x 91mm	1
996.RE8A12	12v	8A	240mm x 140mm x 85mm	1
996.RE8A24	24v	8A	240mm x 140mm x 85mm	1
993.RE16A12	12v	16A	240mm x 140mm x 85mm	1
993.RE16A24	24v	16A	240mm x 140mm x 85mm	1

i Intelligent battery charger for AGM, gel, SLA and MF type batteries. Ability to charge batteries that have drained to a low voltage level, including fire and security equipment. LED indicators and protection from short and open circuit, as well as reverse polarity. Features high-temperature shut-off.

C Black / blue
X See table information
✓ 72/23/EEC; 89/336/EEC; CE

12v/24v Leisure Battery Chargers


 6.3MM
BLADE
TERMINALS

Part number	Type		Item dimensions (hwd)	Quantity supplied
	Voltage	Max. rating		
996.RE25A12PS	12v	25A	224mm x 146mm x 85mm	1
996.RE12A24PS	24v	12A	224mm x 146mm x 85mm	1

i Intelligent battery charger for AGM, gel, SLA and MF type batteries. Ability to charge batteries that have drained to a low voltage level, and is designed for leisure batteries. LED indicators and protection from short and open circuit, as well as reverse polarity. Features high-temperature shut-off.

C Black
X 224mm (h) x 146mm (w) x 85mm (d)
✓ 72/23/EEC; 89/336/EEC; CE

Battery to Battery Chargers



WIRE CONNECTION

Part number	Voltage		Item description	Quantity supplied
	Input	Output		
251.ABM12D12CH	11-15VDC	28VDC @ 10A	Step-up battery charger	1
251.ABM2412CH	18-30VDC	14VDC @ 15A	Step-down battery charger	1

i Overload and polarity protected, high-temperature protected and short circuit protected. Efficiency 90%. A low-power control wire has been included to Start/Stop charger, reducing the need for high-current On/Off switches.

- C** Purple
- X** 155mm (l) x 70mm (w) x 53mm (d)
- ✓** 72/23/EEC; 89/336/EEC; CE

Battery Boxes with Retaining Strap



SUPPLIED INDIVIDUALLY

Part number	Dimensions (mm)		Quantity supplied
	Internal (lwd)	External (lwd)	
996.359	279mm x 200mm x 247mm	359mm x 254mm x 267mm	1
996.448	368mm x 200mm x 247mm	448mm x 254mm x 267mm	1

i Battery boxes made from injection moulded polypropylene for its impact resistance and all-round durability. Features snap-top to lock lid and prevent contact with battery terminals. Ventilated lid. Includes battery retaining strap. 996.448 can be size-adjusted to suit vehicle battery.

- C** Black
- X** See table information
- ✓** CE

Battery Retaining Strap Set



PACK OF 5

Part number	Item description	Quantity supplied
800.039	Battery retaining strap set	5

i Battery retaining bar/strap set. Includes five sets of equipment to fit car, van or LGV batteries.

- C** Natural
- X** Not applicable
- ✓** Not applicable

Wallen Voltage Converters



Part number	251.001	251.002	251.003	251.008	251.006	251.007
	Feature					
Switch mode	Non-isolated	Non-isolated	Non-isolated	Non-isolated	Fully isolated	Fully isolated
Input (VDC)	15-38v	15-38v	15-38v	15-38v	17.5-38v	17.5-38v
Output (VDC)	13.2v	13.2v	13.2v	13.2v	13.2v	13.2v
Constant current (100% duty cycle)	3.8A	6.8A	10A	10A	4A	4A
Intermittent (30% duty cycle)	7A	11A	14A	18A	8A	12A
Quiescent current	<15mA	<15mA	<15mA	<15mA	<50mA	<50mA
Overload protection	✓	✓	✓	✓	✓	✓
Reverse polarity protection	✓	✓	✓	✓	✓	✓
Short circuit protection	✓	✓	✓	✓	✓	✓
Soft-shutdown	✓	✓	✓	✓	✗	✗
Efficiency (approximately)	0.91	0.9	0.89	0.9	0.9	0.9
Connection	Quad 6.3mm blade terminals	Quad 6.3mm blade terminals	Quad 6.3mm blade terminals	Quad 6.3mm blade terminals	Quad 6.3mm blade terminals	Quad 6.3mm blade terminals
Dimensions (lwd)	69mm x 74mm x 31mm	79mm x 74mm x 31mm	89mm x 74mm x 31mm	90mm x 74mm x 31mm	119mm x 74mm x 31mm	129mm x 74mm x 31mm

 6.3MM
BLADE
TERMINALS

ⓘ Wallen voltage converters operate over a wider input voltage and at a lower cranking voltage than rivals. Different versions are available to support a wide range of applications. All are highly efficient, extremely compact and all offer intelligent protection against overload, reverse polarity & short circuits.

C Gold (non-isolated) / Green (Isolated)
X See table information
✓ 72/23/EEC; 89/336/EEC; CE; RoHS

Plug-in Voltage Converters



Part number	Voltage		Item description	Quantity supplied
	Input	Output		
251.24N12N	24v	12v	24N 7-pin to 12N 7-pin	1
251.4102002	24v	12v	24N 7-pin to 13-pin	1

ⓘ Simple plug and play adaptor that has a built in voltage dropper to allow 12 volt trailers to be used on 24 volt vehicles without changing bulbs or wiring in messy and often unreliable converters.

C Black
X Not applicable
✓ RoHS; CE

Step-up Voltage Converter (Switch Mode)



WIRE CONNECTION

Part number	Voltage		Item description	Quantity supplied
	Input	Output		
251.ABM12D12CN	11-15VDC	24VDC @ 10A	Step-up voltage converter	1

i Switch mode voltage converter. Overload and polarity protected, high-temperature protected and short circuit protected. Efficiency 85%. Max rating 10A.

- C** Purple
- X** 155mm (l) x 70mm (w) x 53mm (d)
- ✓** 72/23/EEC; 89/336/EEC; CE

Transistorised Trailer Voltage Dropper



SUPPLIED INDIVIDUALLY

Part number	Voltage		Item description	Quantity supplied
	Input	Output		
255.122	12v	24v	Voltage dropper	1

i Allows the use of 12v trailers on vehicles with 24v operating voltage. The trailer connecting unit makes a separate voltage transformer or a voltage converter with 8A 12v necessary.

- C** Black
- X** See table information
- ✓** 72/23/EEC; 89/336/EEC; CE; IP59K

Trailer Voltage Converter



SUPPLIED INDIVIDUALLY

Part number	Voltage		Item description	Quantity supplied
	Input	Output		
255.11127	24v	12v	Towing vehicle converter	1

i The converter will make most 24v indicator/flasher relays interpret a 12v lamp as a 24v lamp with correct C2 activation even during short circuit and loss of chassis connection. The flasher/indicator output utilises a combination of resistor and pulse technique. Other output operates with pulse technique.

- C** Black
- X** Not applicable
- ✓** 72/23/EEC; 89/336/EEC; CE

Pro-Power Q Inverters



Part number	254.024	254.005	254.007	254.011	254.012	254.013	254.014	254.015	254.016
Feature									
Input (VDC)	24v	12v	12v	12v	24v	12v	24v	12v	24v
Output (VAC)	110v	230v	230v	230v	230v	230v	230v	230v	230v
Frequency (Hz)	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
Power output (W)	1800w	350w	600w	1000w	1000w	1800w	1800w	2700w	2700w
Overload protection	✓	✓	✓	✓	✓	✓	✓	✓	✓
Temperature protection	✓	✓	✓	✓	✓	✓	✓	✓	✓
With engine interlock	✓	✗	✗	✗	✗	✗	✗	✗	✗
Remote control (with 10m cable)	✓	✗	✗	✓	✓	✓	✓	✓	✓
Dimensions (lwd)	300mm x 250mm x 100mm	150mm x 150mm x 65mm	230mm x 150mm x 65mm	240mm x 250mm x 100mm	240mm x 250mm x 100mm	300mm x 250mm x 100mm	300mm x 250mm x 100mm	370mm x 250mm x 100mm	370mm x 250mm x 100mm

PRE-WIRED

ⓘ These are Sterling's range of quasi /modified sine wave inverters. Quasi sine wave inverters work with most electrical appliances, including: hair dryers, phone, chargers, kettles, microwaves etc. Exceptions to this are appliances which are thyristor controlled, eg, washing machines or bread makers.

C Black/red
X See table information
✓ 72/23/EEC; 89/336/EEC; CE; RoHS

Pure Sine Wave Inverters



Part number	254.025	254.026	254.027	254.028
Feature				
Input (VDC)	12v	24v	12v	24v
Output (VAC)	230v	230v	230v	230v
Frequency (Hz)	50Hz	50Hz	50Hz	50Hz
Power output (W)	1000w	1000w	1600w	1600w
Dimensions (lwd)	300mm x 190mm x	300mm x 190mm x	300mm x 190mm x	300mm x 190mm x
Connection	1m DC, 8mm ring	1m DC, 8mm ring	8mm connection	8mm connection

ⓘ Replicates true shore power, suitable for all appliances. With Twin Socket or built in RCD. Adjustable between Neutral Earth Bonding and Centre Tapping. No DC cables supplied. USB Charger.

C Black/red
X See table information
✓ 72/23/EEC; 89/336/EEC; CE

LED Digital DC Voltmeter



SUPPLIED INDIVIDUALLY

Part number	Voltage		Item description	Quantity supplied
	Input	Measuring		
334.251	9-48v	9-48v	Voltmeter	1

i Digital voltmeter for DC currents. Features red LED display indicating battery or other voltage. Surge protected to 400W @ 35VDC and reverse polarity protected. Requires 29mm diameter cut-out.

- Black
- 37mm (dia.) x 39mm (h)
- CE

LED Digital DC Voltmeter & Ammeter



SUPPLIED INDIVIDUALLY

Part number	Voltage		Item description	Quantity supplied
	Input	Measuring		
334.256	7-33v	7-33v / 0-25A	Voltmeter with ammeter	1

i Digital voltmeter and ammeter for DC currents. Features red LED display indicating battery or other voltage. Surge protected to 400W @ 35VDC and reverse polarity protected. Requires 29mm diameter cut-out.

- Black
- 37mm (dia.) x 50mm (h)
- CE