





DESCRIPTION

The Elite range of industrial battery chargers are ideal for charging many types of batteries including Sealed Lead Acid, Gel, Wet and AGM. The Elite charger is heavy duty and has a powder coated mild steel robust case designed to withstand harsh environments making it suitable for a wide range of applications. The Elite charger range is an 8-stage automatic battery charger designed to recharge batteries of 12, 24 & 36 volts and from as low as 2 amps, and can be supplied with an input voltage of 110V, 230V or dual 110/230V.

SPECIFICATIONS

- Input voltage 100-230V AC
- Dimensions 140 x 181 x 97mm

OUTPUT VOLTAGE, AMPS & BATTERY RANGES FOR DIFFERENT MODELS

MODEL	OUTPUT VOLTAGE	OUTPUT AMPS	BATTERY RANGE	WEIGHT (KG)
Elite 1206	12V	6A	24-44 Ah	3.5
Elite 2406	24V	6A	24-44 Ah	4
Elite 3602	36V	2A	8-16 Ah	3.6



MAIN FEATURES

- Charger type 8 stage fully automatic charging cycle
- 3 easy to read LED status indicators
- Input voltages of 110V, 230V or dual voltage
- Output voltages of 12V, 24V & 36V
- Output currents up to 8 Amps
- · Proportional timing
- · Independent overrun timer
- · Reverse polarity protection
- Short circuit protection
- Soft start current control
- Crocodile clips fitted as standard
- IP20

OPTIONAL FEATURES

- Output connector options available
- Ability to set for battery types including vented lead acid, sealed lead acid & gel or lead calcium
- Temperature compensation
- Dual voltage with manual switch
- Different coloured cases are available
- Multi-bank options available to charge more than one battery at once

TYPICAL MULTI-STEP CHARGE PROFILE

	Red Yellow Green	Time Commenced	Red Flash Rapid Twice / Sec	Red Yellow Alternate Flash (50% of nominal max current)	Solid Yellow (100% of nominal max current)	Yellow Flash (V hold as proportion of stage 5. Amps fall to nominal low)	Solid Green	Red Flash Slow On for 2 Secs Off for 1 sec (Error detection awaiting amendment)
Voltage	0V	0V	0V	Target 10.5V	Target 14.8V	Hold 14.8V	13.8V	0V
Current	0A	0A	0A	2A	4A	Low	Low	0V
	Self check RIG test	Fault - Power interupt detection	Unrecoverable excessive discharge	Deep discharge recovery to vlim 1	Bulk charge	Proportinal time charge	Float	Fault - Error detection
	1	2	3	4	5	6	7	8
	Short cut to stage 6 Voltage 2 min timeout Current							

ELITE MULTIBANK BATTERY CHARGERS

Charge up to 5 batteries at once from a single 240V socket with the Elite 5 way multibank battery charger range, ideal for a busy workshops.



SPECIFICATIONS

- Input voltage 110 or 230V AC or 110V/230V AC
- Dimensions 140 x 845 x 97mm

OUTPUT VOLTAGE, AMPS & BATTERY RANGES FOR DIFFERENT MODELS

MODEL	OUTPUT VOLTAGE	OUTPUT AMPS	BATTERY RANGE	WEIGHT (KG)
Elite 1206 x 5	12V	6A	24-44 Ah	20
Elite 2406 x 5	24V	6A	24-44 Ah	23
Elite 3602 x 5	36V	2A	8-16 Ah	23