INTELLIGENT BATTERY CHARGER SERIES

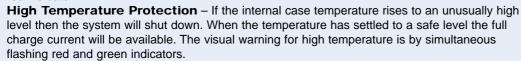


This new charger has built-in intelligence
Designed to deliver exactly the right amount of
charge automatically every time
Manufactured to BS3456, IEC335, UL1236,
EN60335, CE mark to ENB5008 - 1

- · Microprocessor controlled
- Short circuit protection
- · Reverse polarity protection
- High Temperature protection
- · Soft start current control
- Fast constant current bulk charge
- 3-stage charging CI-CV-Float
- · Constant voltage float/standby
- Proportional timing
- Flexibility to match battery specification
- Output leads: 1.5m long fitted with crocodile clips
- Dimensions: 143 x 103 x 91mm
- Weight: 1.9kg (approx)
- UK manufactured
- LED indication of float charge, bulk charge, short circuit, reverse polarity, thermal shutdown.

Short Circuit Protection – Prevents damage to the charger if the dc output is short circuited. Visual indication is by alternate flashing red and green indicators.

Reverse Polarity Protection – Prevents damage to the charger if the battery is connected in reverse. Visual indication is by a continuous flashing red indicator.



Soft Start – On power up the system will enter a "soft start" mode. This means that the charge current will build up slowly. During this time the charger will scan intensely for possible faults i.e. reverse battery, short circuit etc.

Constant Current Bulk Charge & 3 Stage Charging – Provides the fastest possible way to recharge the battery without overcharging.

Constant Voltage Float – Compensates for self discharge to hold the battery at peak charge ready for use. The battery can be left on charge until required, there will be no overcharging. Proportional Timing – Varies the second (constant voltage) stage in proportion to the time taken for the first stage (constant current). This allows optimal charging by eliminating the compromise of fixing charge timers. When the charger enters float charge mode the battery is 100% fully charged.

Current	Voltage	Voltage (bulk)	Voltage (float)	Input Voltage (options)	YUASA Part No.
3Amp	12V	14.5V	13.65V	230/110VAC	YCP3A12
4Amp	12V	14.5V	13.65V	230/110VAC	YCP4A12
1.5Amp	24V	29.0V	27.3V	230/110VAC	YCP1.5A24
2Amp	24V	29.0V	27.3V	230/110VAC	YCP2A24



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