

## QC Series Two Way Radio Battery Charger



The QC series six, three and single battery charger are designed to provide low cost charging solutions for a wide variety of battery powered devices. The microprocessor controlled chargers are suitable for use with Nicad and NiMH batteries in the range of 4.8V to 12V. They are constructed using a robust steel case and have interchangeable holders suitable for a wide variety of batteries.

The three and six battery units are bench or wall mountable, all models have an internal switch mode power supply and are CE approved. Each channels charge rate can be separately set for optimal charging, enabling each channel to have a different battery type if required. The manufacturing process enables customized versions of the chargers to be produced without great cost implications, so whatever the charging requirements, please inquire.

### **Specification**

#### **Charge Control**

Constant current bulk charge with -dv/dt charge termination. Output current per channel adjustable from 400 to 1000mA. Override shutdown 4 hours after start of charge if -dv/dt not sensed.

#### **Trickle Charge**

Trickle charge after fast charge termination, 1/20th of set current.

#### **Indication**

One green LED per output. Off = No charge. On = Fast charge. Flashing = Trickle charge.

#### **Protection**

Short and open circuit shutdown, independent watchdog (processor failure) shutdown timer. AC input to PCB fused.

#### **Electrical Specification**

AC input to PCB RMS on load, 20VA maximum input per channel.

#### **Dimensions - excluding holders**

QC600 – SIX PORT CHARGER W 414mm, D 206mm, H 95mm

QC300 – THREE PORT CHARGER W 215mm, D 206mm, H 95mm

QC100 – SINGLE PORT CHARGER W 133mm, D 130mm, H 65mm

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