



## MULTIPLE BATTERY CHARGER

*The Intelligent Volume Battery Charging Solution*

This intelligent twelve gang battery charger is an excellent example of Blazepoint's ability to design and engineer customised solutions to meet specific needs within particularly demanding environments. It was developed to provide a cost effective volume battery charging solution for mobile ticket printers used in the UK Rail Industry. It's robust design makes it ideal for office, depot or workshop environments.

The charger unit can accommodate up to twelve Lithium-ion battery packs with the same profile as those used in the Casio IT-3000 industrial data terminal and is ideal for applications utilising multiple mobile devices needing regular battery charging.

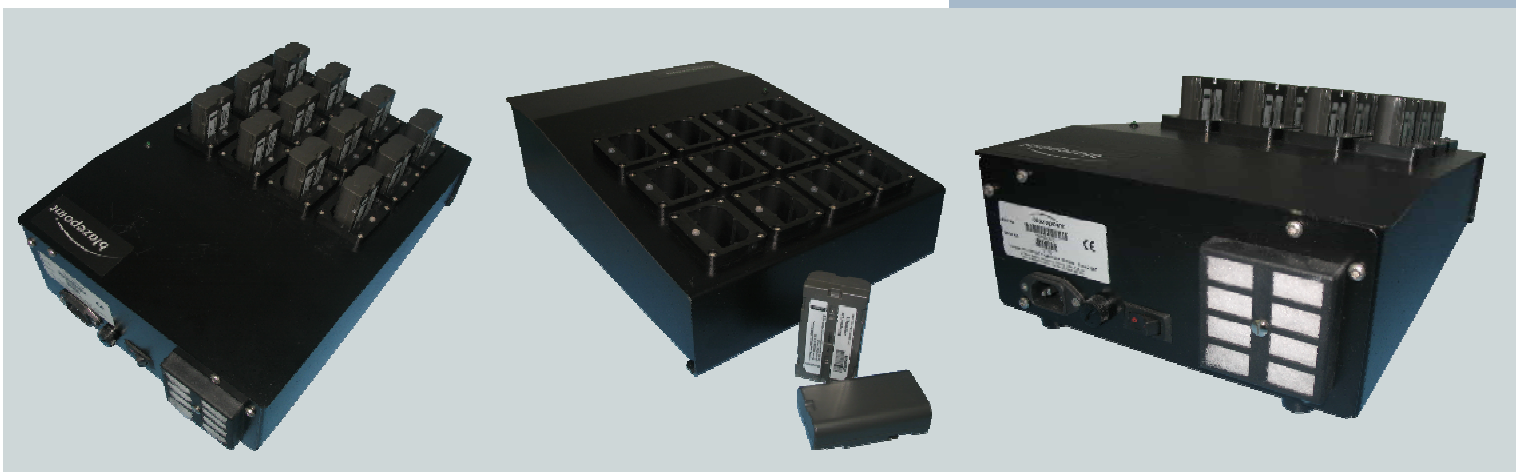
The charger can be mounted on to any flat surface, or alternatively wall mounted using the optional mounting plate provided. No special wiring or cooling is required, but a minimum 25mm clearance is required at either end to ensure proper ventilation. For maximum service life, lithium-ion batteries should be stored and charged within the temperature range of 5-35°C.

The external casing of the charger can easily be cleaned using a cloth soaked in soapy water and squeezed through thoroughly. The charger must be switched off during any cleaning operations. The fan filter can be changed by the user and this should be done periodically dependent on the user environment.

The Multiple Battery Charger is supplied with a power lead, 12 months return to base warranty and a user instruction manual. All units are delivered in commercial packaging. There is an optional mounting plate.



- Able to charge up to 12 Li-ion batteries at any one time
- Charge time of less than 5 hours for a 2000mAh battery
- Transportable between sites weighing just 4.7kg
- Intelligent LED operation for ease of use
- Rugged design to ensure an operating Temperature of 0—40°C
- Ideal for office, depot or workshop environments
- Built-in protection circuitry prevents over-charging





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### Specification

#### **Physical:**

**Dimensions:** 110mm (H) x 240mm (W) x 350mm (D)

**Dimensions with batteries installed:** 135mm (H) x 240mm (W) x 350mm (D)

**Weight:** Charger 4.7kg  
Wall plate 0.8kg

**Chassis Construction:** Mild Steel

**Capacity:** Up to 12 Li-ion batteries (Casio IT-3000 style)

#### **Electrical:**

**Power Supply:** 100-240Vac, 160VA

**Fuse Rating:** 2.5AT

**Inrush Current:** Less than 10A for 60ms

**Charge Time:** Less than 5 hours for a 2000mAh battery

**Charge Voltage:** 7.0V to 7.5V

#### **Environmental:**

**Operating Temperature:** 0 to 40°C

**Relative Humidity:** 95% non condensing

**Approvals:** CE approved

#### **Maintenance:**

**Charger Warranty:** 12 months return to base

There are no internal user serviceable parts. Servicing and repair should only be carried out by authorised service personnel. Replacement filters are available through a number of sources.

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Specifications may change without notice. E&EO.

### Specification

#### **Features:**

Intelligent LED Operation; the LED on each pocket will show the battery charge status.

**No LED showing** No battery inserted or battery fuse blown

**Green, continuous** Charge complete

**Green, even flash** Charge in progress

**Green, short flash** Conditioning over-discharged battery

**Red, continuous** Overcharged battery or short circuit. An

overcharged battery can still be used but will not charge until its voltage has returned to normal

**Red, even flash** Failed to charge, battery faulty

**Red, short flash** Temperature too high or too low. Charging will restart automatically when temperature has returned to the operating range

Blazepoint, a specialist engineering company, designs and manufactures rugged computers and peripheral products for commercial and military markets worldwide. Working alongside corporate clients and system integrators from concept to completion, Blazepoint has the ability to engineer rugged solutions for individual requirements.

Blazepoint is uniquely positioned to provide clients with the opportunity to solve challenges specific to their industry. Offering an efficient, teamwork approach, Blazepoint is capable of providing value added solutions to meet the demanding expectations of both military and commercial customers.

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