

# CHARGERS

## DESKTOP CHARGER



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The Desktop Charger is an indoor use, single bay battery charger, designed to charge military standard BB-2590 style batteries from AC mains power sources.

### AC / DC CHARGING

The Desktop Charger takes a 100-240V, 47-63Hz AC or 19-40V DC input to charge BB2590-model Li-Ion and NiMH batteries in a small desktop format. A built in safety circuit protects the unit against charging shorted batteries. The Desktop Charger is supplied, as standard, with the AC Mains transformer, and an AU, EU, UK or US style mains cable, depending on variant ordered. A DC power supply and connecting cable must be provided separately if being powered directly via the DC input on the charger.

### SMART BATTERY INTERFACE

The Desktop Charger incorporates the SMBus (System Management Bus) v1.1 interface allowing the charger to intelligently ensure the most efficient charging time and maximum lifespan of your batteries. The Desktop Charger also automatically protects against damage resulting from attempts to charge batteries that have short circuit cells.

### CLEAR STATUS INDICATORS

The Desktop Charger uses solid and flashing multiple colour green, yellow and red LEDs to clearly indicate charging status, showing fast charge, calibration, ready and fault conditions.

## KEY FEATURES

- AC desktop charger
- Compact single bay design
- Compatible with MOTS battery types
- Smart charging SMBus interface
- In built charge protection
- Easy read LED status indicators



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### SPECIFICATIONS

#### GENERAL

<b>Input voltage range</b>	AC Mains Transformer: 100 to 240 V AC 19-40 V DC
<b>Output voltage</b>	24 V DC maximum
<b>Charge times</b>	Approximately 6 hours: BB-2590, Li-Ion, 17.4Ah (CPN 65-72013) Approximately 7 hours: BB-2590 Li-Ion, 20Ah (CPN 65-72014)
<b>Supported battery types</b>	BB-2590U / BB-390B/U batteries
<b>Compliance</b>	CE, RCM, RoHS (2011/65/EU)

#### ENVIRONMENTAL

<b>Operating temperature</b>	0°C to +45°C
<b>Storage temperature</b>	-20°C to +70°C

#### MECHANICAL

<b>Weight</b>	0.485 kg (17.1 oz)
<b>Dimensions</b>	L: 213mm x W: 124mm x H: 81mm (L: 8.375 in x W: 4.875 in x H: 3.19 in)
<b>Construction</b>	ABS GSM plastic

Values noted are typical. Equipment descriptions and specifications subject to change without notice or obligation.

### ACCESSORIES

The Desktop Charger is designed to charge 6110MP manpack radio batteries from AC power sources. The following batteries are available for use with the Desktop Charger.

- 65-72013 Batt, Li-Ion, 17,4Ah, Recharge, BB-2590
- 65-72014 Batt, Li-Ion, 20Ah, Recharge, BB-2590