

ESC-2590-Q

Four Channel Charger for Li-Ion Battery BB-2590/U

General description

- Four channel tactical charger for BB-2590 battery family
- Vehicle DC and grid AC inputs
- Designed for field and depot use
- Identifies and charges all 2590 batteries including original and compatible models
- LED charging status and main power indicators
- Tough pelican case housing
- Detects damaged batteries and cells
- Universal Power input (100 – 240VAC) that supports global operation



Applications

Military Communications, robotics, ISTAR, EW, Police etc.

Charge Method (CCCV)

- Parallel charging of 4 batteries through dual channels that separately charge internal packs
- Charging Voltage: 16.8V
- Max. charging current: 3A

Interfaces

- AC Input plug: CEE7/16 Europlug (others - optional)
- DC Input: Charge Cable with NATO plug (optional)

Safety

- Input: short circuit, over/under temperature, over/under voltage, discharge protection
- Output: short circuit, overload, reverse polarity, over/under voltage, over current, over/under temperature, safety timer

Applicable Standards

- MIL-STD-810-F; MIL-STD-461-E; MIL-STD-1275D

Quality System

- ISO-9001:2008; AS-9100

Disposal

- Check with manufacturer

Electrical

AC Input Voltage	95 – 260 VAC
AC Input Frequency	47 – 63Hz
DC Input	19 – 31 VDC (MIL-STD-1275A)
Output Voltage	16.4 – 17.0 VDC (adjusting to battery)
Output Max. Current	3.1A per section
Output Max. Power	229 W

Mechanical

Dimensions (L,W,H)	474mm; 358mm; 252mm
Weight	9.0 kg
Housing	ABS
Color	Black

Environmental

Charge	-0°C to 50°C (for charging in temperatures below 0°C, contact manufacturer)
Storage	-40°C to 70°C
Humidity	0 to 90%
Transportation	Non dangerous goods

