

ESC-0311

Single Channel Charger for ELI-0311 Battery
NSN: 6130-15-019-2794

General description

- Single channel charger for ELI-0311 Li-Ion battery
- Designed for field, vehicle and soldier wearable use
- Identifies battery type to assure charge profile
- LED charge status and main power indicators
- Detects damaged batteries and cells
- Tough polymer housing
- AC and DC universal power inputs (12 to 33 VDC / 103 to 265 VAC)

Applications

Defense, HLS, outdoor, tactical communications, electro-optics, lasers, measure and test equipment, robotics etc.

Charge Method (CCCV)

- Charging Voltage: 12.6 VDC
- Max. charging current: 2.5 A

Interfaces

- AC Input plug: CEE7/16 Europlug (other plugs are optional)
- DC vehicle lighter input
- Communication: SMBus

Safety

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

Applicable Standards

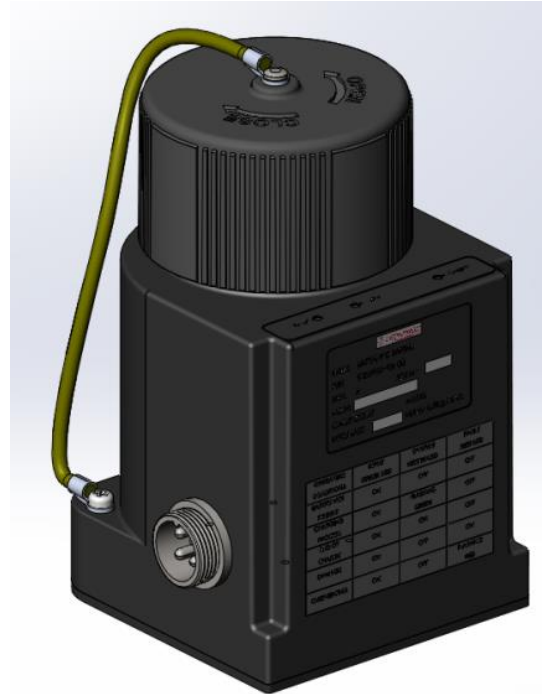
- MIL-STD-810E
- MIL-STD-1275D
- CE

Quality System

- ISO-9001:2008; AS-9100

Disposal

- Check with manufacturer



Electrical

| | |
|---------------------|--------------------------------|
| AC Input Voltage | 103 – 265 VAC |
| AC Input Frequency | 47 – 63Hz |
| DC Input | 12 – 33 VDC (MIL-STD-1275D) |
| Output Voltage | 8.4 VDC (adjusting to battery) |
| Output Max. Current | 2.5 A |
| Output Max. Power | 21 W |

Mechanical

| | |
|---------------------------|------------------------------|
| Dimensions (L,W,H) (Max.) | (L,W,H): 70mm; 70mm; 112.5mm |
| Weight | 0.5 kg max. |
| Housing | ABS Plastic |
| Color | Black |

Environmental

| | |
|----------------|---------------------|
| Charge | -20°C to 60°C |
| Storage | -40°C to 70°C |
| Humidity | 0 to 90% |
| Transportation | Non dangerous goods |

