

ELI-2800E

Rechargeable Li-Ion Battery

General description

- Cylindrical rugged tough case construction
- High energy density
- One wire battery communication technology
- Smart circuit technology providing remaining capacity and number of cycles .
- LED State Of Charge Indicator (SOC)
- Easy integration into compact and light systems



Applications

Defense & HLS, electro optics, laser equipment, measurement equipment, communications and more

Charge Method (CCCV)

- Charging Voltage: 8.4 VDC Max.
- Charging current (recommended): 2.5A Max.

Safety

- Cell charge over voltage protection
- Cell discharge under Voltage protection
- Over current and short circuit protection
- Over temperature protection
- Reverse Polarity

Applicable Standards

- MIL-STD-810E
- MIL-STD-461C
- UN-38.3 certification
- UL approved cells

Quality System

- ISO-9001:2008; AS-9100

Compatible Chargers

ESC-2800/ESC-2800D/MC-2800Q/MC-9001

Disposal

- Check with manufacturer

Electrical

Capacity (typical)	5 Ah @ 1A
Energy	37 Wh
Max. voltage	8.4 V
Nom. voltage	7.2 V
Min. voltage	5.2 V
Max. Dis. Current (cont.)	4 A
Communication	One-wire; LED Fuel Gauge
Life Cycle	300 to 80% capacity @ 100% DOD

Mechanical

Dimensions (Max.)	(L,D): 128.5 mm; 35.5 mm
Weight	295 gr
Energy Density (Weight/Volume)	122 Wh/kg / 283 Wh/L
Battery Housing	ABS
Color	NATO Green

Environmental

Charge	0°C to 45°C
Discharge	-32°C to 60°C
Storage	-40°C to 71°C
Humidity	0 to 90%
Transportation	Class 9

