

# ELI-0311

Cylindrical Rechargeable Li-Ion Battery

## General description

- Cylindrical rugged case construction
- High energy density
- SMBus communication technology
- Low self-discharge
- LED State Of Charge Indicator (SOC)
- Easy integration into compact and light systems



## Applications

Defense and HLS portable devices, electro-optics, laser equipment, measurement equipment, tactical communications and more

## Charge Method (CCCV)

- Charging Voltage: 12.6 VDC Max.
- Charging current (recommended): 1.5A Max.

## Safety

- Charge over voltage protection
- Discharge under Voltage protection
- Over current and short circuit protection
- Over/under temperature protection
- Reverse Polarity

## Applicable Standards

- MIL-STD-810E
- UN-38.3 certification
- UL-1642 approved cells

## Quality System

- ISO-9001:2008; AS-9100

## Compatible Chargers

ESC-0311

## Disposal

- Check with manufacturer

## Electrical

Capacity (typical)	3.45Ah @ 1A
Energy	37.8 Wh
Max. voltage	12.6 V
Nom. voltage	10.8 V
Min. voltage	7.5 V
Max. Dis. Current (cont.)	4 A
Communication	SMBus; LED Fuel Gauge
Life Cycle	300 to 80% capacity @ 100% DOD

## Mechanical

Dimensions (Max.)	(L;D) 87.8 mm; 44.6 mm
Weight	210 gr Max
Energy Density	189 Wh/kg; 276 Wh/L
Battery Housing	ABS
Color	Black

## Environmental

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

