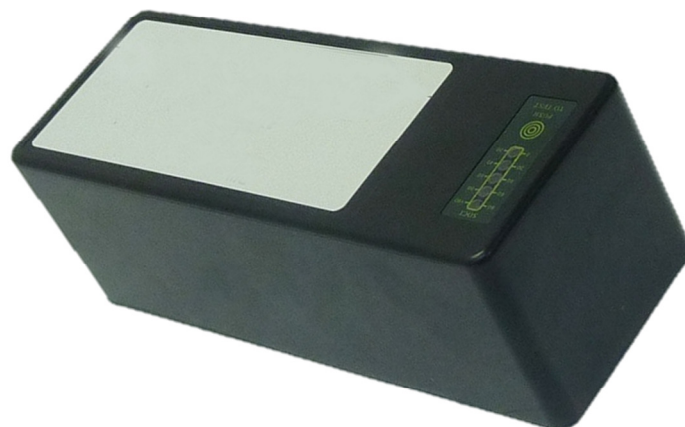


ELI-2791

Rechargeable Li-ion Battery Pack

General description

- Rugged, tough tactical battery pack
- High energy high Power density
- One wire battery communication technology
- Smart circuit providing remaining capacity, number of cycles and health status
- LED State Of Charge Indicator (SOC)
- Low energy consumption during storage
- Easy integration into compact and light systems
- Meets civil and military standards
- Rugged sealed housing



Applications

Medical device, HLS, outdoor, energy backup, mobility aids (scooters), communications, military and more

Charge Method (CCCV)

- Charging through a desktop or tactical charger or through a dedicated charging board installed in host device
- Charging Voltage: 33.6V / 16.8V
- Typical charging current: C/3

Safety

- Under/over voltage
- Under/over current
- Short circuit
- Temperature
- Reverse polarity

Quality System

- ISO-9001:2008; FDA & TUV Inspections

Standards

- UN-38.3
- MIL-STD-810E
- UL-1642 (for cells)

MSDS and Disposal

- Check with manufacturer

Electrical

Capacity (typical)	15.6Ah / 20Ah @ 3A
Energy	230Wh / 290Wh
Max. voltage	16.8V
Nom. voltage	14.4V
Min. voltage	10V
Max. Dis. Current (cont.)	20A
Communication	One-wire; LED Fuel Gauge
Life Cycle	300 to 80% capacity @ 100% DOD

Mechanical

Dimensions	(L;W;H) 186.2mm X 69.5mm X 65mm
Weight	1350 gr
Energy Density	223Wh/kg; 345Wh/l
Battery Housing	ABS
Color	Black, NATO Green, customizable

Environmental

Charge	0°C to 45°C
Discharge	-30°C to 60°C
Storage	-20°C to 50°C
Humidity	0 to 90%
Transportation	Class 9

