

ELI-152

Rechargeable Li-Ion Battery for PRC-152 / PRC-163



General description

- Form, Fit and Function (FFF) compliant with the standard PRC-152/PRC-163 battery
- Rugged, tough and waterproof tactical pack
- Standard capacity or high energy density configurations (Optional)
- Low energy consumption during storage
- Charged by US Military standard chargers
- Compliant with PRC-152/PRC-163 radio communication protocol
- Meets civil and military standards
- ITAR Free

Applications

PRC-152/PRC-163 handheld radios

Charge Method (CCCV)

- Charging through US military tactical chargers or through SWIPES docking station
- Charging Voltage: 12.6V
- Typical charging current: C/3

Safety

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

Quality System

- ISO-9001:2015; AS-9100D

Applicable Standards

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

MSDS and Disposal

- Check with manufacturer

Electrical

Capacity (typ.)	5.8Ah / 7.0Ah
Energy	62.3Wh / 74.5Wh
Max. voltage	12.6V
Nom. voltage	10.8V
Min. voltage	9.0V
Max. dis. current (cont.)	5A
Max. dis. current (pulse)	7A
Life Cycle	>300 to 80% of initial capacity @ 100% DOD

Mechanical

Dimensions (L;W;H)	70mm X 34mm X 85mm
Weight	350gr
Weight energy density	177Wh/kg / 212.9Wh/kg
Volume energy density	327Wh/l / 391Wh/l
Battery Housing	ABS
Color	Olive Drab / Black

Environmental

Charge	0°C to 45°C
Discharge	-34°C to 60°C
Storage	-40°C to 71°C
Humidity	0 to 95%
Transportation	Class 9

