

ELI-9634

Ruggedized Rechargeable Li-Ion Energy Pack

General Description

- Ruggedized aluminum energy pack for heavy duty field, airborne and marine applications
- Contains 4 replaceable standard battery units type MR-2791/ELI-2434)
- RS-232 communication with energy users providing pack data: voltage, current, remaining capacity and battery temperature
- LED State Of Charge Indicator (SOC)
- Waterproof and dust proof (IP55)
- Maintenance free and durable
- The official energy pack of RAFAEL SPIKE ATGM



Charge Method (CCCV)

- Separate charge for every battery
- Charge voltage: 16.8V/33.6V
- Compatible charger: ESC-9615/9634

Safety

- Battery level
 - Short circuit
 - Under/over voltage
 - Reverse polarity
 - Temperature
- Pack level
 - Over current

Quality System

- ISO-9001:2008; AS-9100

Applicable Standards

- UN-38.3
- MIL-STD-810F
- MIL-STD-461E
- UL-1642 (for cells)
- IP-67

MSDS and Disposal

- Check with manufacturer

Electrical

Capacity (typical)	80 / 40 Ah
Energy	1,175 Wh
Max. voltage	16.8 / 33.6 V
Nom. voltage	14.4 / 28.8 V
Min. voltage	10 / 20 V
Max-Dis. Current (cont.)	40 A
Communication	RS-232; LED Fuel Gauge
Life Cycle	Pack: over 20 years Battery: 300 to 80% capacity @ 100% DOD

Mechanical

Dimensions	(L;W;H) 346.5mm X 122.5mm X 286.5mm
Weight	8,000gr
Energy Density	>146 Wh/kg
Battery Housing	Aluminum
Color	NATO Green, customizable

Environmental

Charge	0°C to 45°C
Discharge	-34°C to 65°C
Storage	-40°C to 60°C
Humidity	0 to 100%
Transportation	Class 9

