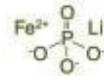


The Lithium Battery Specialists



Eco Tree Lithium



Lithium Iron Phosphate (LiFePO₄) Battery

Part Number EL24 – 150 with built in Heater

GENERAL SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Nominal Voltage	25.6V
Nominal Capacity	150Ah
Energy	3840Wh

STANDARD DISCHARGING

Discharging Current	30A
Max. Continuous Current	150A
Max Pulse Current	300A > (3s)

STANDARD CHARGING

Charging Voltage	28 - 28.8
Charging Current	30A
Max Charging	75A

MECHANICAL

Casing	ABS UL94-Vo Flame Resistant
Dimension(L x W x H)	522 x 238 x 220mm
Weight Approx.	30.5Kgs
Terminal	M8/ Screw insert

Accreditation

Water Dust Resistance	IP56
Air Safety Number	UN38.3
European Conformity	93/66/EEC
IATA Approved	

FEATURES

- Using grade A European technology lithium iron phosphate cell's, giving superior safety, thousands of cycles, that can be discharged to give 100%DOD,
- Built-in automatic (BMS) protection for overcharge, over discharge, over current and over temperature. Complete protection
- Maintenance free
- Internal cell balancing
- Lighter weight: Around 50% of the weight of a comparable lead acid battery
- Can be charged using most standard lead-acid battery chargers
- Wider operating temperature range between -20°C~60°C
- Built in heater maintaining battery at over 5 C when charging
- Can be put into Series up to 51.2 volts or two in parallel

APPLICATION

- Recreational Vehicles
- Marine
- Renewable Energy
- Emergency Vehicles
- Military Vehicles
- Medical / Mobility
- Electric Vehicles
- Golf Cart
- Ground Support

