

# ELION

## LiFePO4 - LITHIUM BATTERY



### OVERVIEW

The ELION lithium rechargeable battery is the premium solution for energy storage, safety and lightweight, modular design.

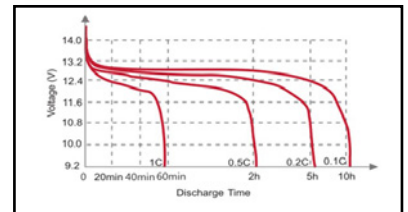
### FEATURES

- » Up to 20 times longer cycle life than alternatives, minimising replacement costs
- » About 40% of the weight of comparable lead acid batteries
- » Delivers twice the power and maintains a high energy capacity
- » Automatic 'Battery Management System' for enhanced safety

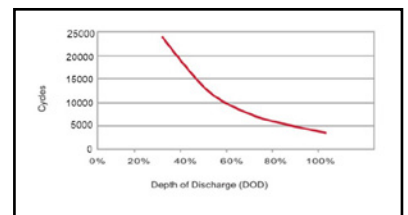
### IDEAL FOR

Solar Street Light Towers, Campsites, Off Grid Power Stations

### RATE DISCHARGE (25°C)



### DOD DISCHARGE CYCLE LIFE



MODELS	ETG-ELI15
Rated Capacity (77°F/25°C)	150Ah @0.5C
Optional Capacity @0.5C	150Ah to 200Ah
Circuit Protection	Overcharge, overdischarge, over current, over temp, short, balance
Cycle Life	3000 times Cycles @100%DOD and 4200times @80% DOD
Nominal Voltage (V)	12.8V
Monthly Self Discharge	Less than 2%
Efficiency of Charge	100% @0.5C
Efficiency of Discharge	96-99% @1C
Charge Voltage	14.6±0.2V
Standard Charge Current (A)	30A
Max.Charge Current (A)	100A
Standard Discharge Current (A)	20A
Max. Continuous Current (A)	100A
Discharge Cut-off Voltage (A)	10A
Charge Temperature	0°C ~ 55°C
Discharge Temperature @60±25% Relative Humidity	-20°C ~ 60°C
Storage Temperature	-20°C ~ 45°C
Dimensions (mm)	490*171*240
Battery Case	Plastic case / IP65 (fire retardant casing)
Terminal	M8
Approx Weight (Kg)	17.0
Warranty (Months)	36