

# ELION

## LiFePO4 - COMPACT LITHIUM BATTERY



### OVERVIEW

Experience long-lasting power, rapid charging, and effortless portability with Elion Compact Lithium batteries. They're not just dependable; they're engineered to minimise environmental impact, making them a smart choice for both personal and industrial use.

### 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

MODELS	ETG-ELI15-C	ETG-ELI20-C	ETG-ELI35-C
Nominal Voltage (V)	12.8V	12.8V	12.8V
Rated Capacity (77°F/25°C)	150Ah @0.5C	200Ah@0.5C	350Ah @0.5C
Charge Voltage	14.6±0.2V	14.6±0.2V	14.6±0.2V
Charge Current	≤75A	≤75A	≤75A
Max Connection	2S2P		
Monthly Self Discharge	Less than 2%		
Efficiency of Charge	100% @0.5C		
Efficiency of Discharge	96-99% @1C		
Max.Charge Current (A)	100A		
Standard Discharge Current (A)	75A	75A	75A
Max. Continuous Current (A)	≤100A	≤100A	≤100A
Discharge Cut-off Voltage (V)	Approx. 10V		
Charge Temperature	0°C ~ 55°C		
Discharge Temperature	-20°C ~ 60°C ( @60 ± 25% relative humidity)		
Storage Temperature	-20°C ~ 45°C		
Battery Case	Plastic case / IP65 (fire retardant casing)		
Circuit Protection	Overcharge, overdischarge, over current, over temperature, and short balance		
Cycle Life	≥3000@0.2C (100%DOD) ≥6000@0.2C (80%DOD)		
Charging/Discharging Terminal	M8		
Dimensions (mm)	330*173*216	490*171*240	521*267*220
Approx Weight (Kg)	15.0±0.5	20.0±0.5	35.0±0.5
Warranty (Months)	36		