

# ELION

LiFePO4 - COMPACT LITHIUM BATTERY

## Elion Lithium 24V



### OVERVIEW

Elion Compact Lithium 24V batteries provide long-lasting power, fast charging, and lightweight portability, making them a smart choice for both personal and professional 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-ELI07-24V	ETG-ELI11-24V	ETG-ELI165-24V
Nominal Voltage (V)	25.6V	25.6V	25.6V
Rated Capacity	70Ah @0.5C	110Ah @0.5C	165Ah @0.5C
Energy	1.79KWh	2.82KWh	4.2KWh
Max Connection	2S2P		
Charge Voltage	28.8 ± 0.2		
Standard Cutoff Voltage	About 20V ± 5%		
Charge Current	≤35A	≤55A	≤82A
Standard Discharge	≤35A	≤55A	≤82A
Max Discharge Current	≤100A	≤100A	≤100A
Circuit Protection	Overcharge, overdischarge, over current, over temperature, and short balance		
Charging / Discharging Terminal	M8		
Cycle Life	≥3000@0.2C (100%DOD)		
	≥6000@0.2C (80%DOD)		
Operating Temperature (Battery Surface)	Charge: 0°C–20°C		
	Discharge: -20°C–60°C		
Dimensions (±2mm )	330x173x216mm	490x171x240mm	520x267x220mm
Approx Weight (Kg)	13 ± 0.5Kg	21 ± 0.5Kg	33 ± 0.5Kg
Warranty (Months)	36		