

ELB 25.6V 13Ah 852P Solar Lithium Battery

Battery Type: Lithium Iron Phosphate (LiFePO4)



Electrical Specifications

Specification	Value 25.6V
Nominal Voltage	13Ah 332.8Wh ≤
Nominal Capacity	65mΩ < 1% per
Energy	month 8S2P
Internal Resistance	
Self Discharge	
Configuration	

Mechanical Specifications

Specification	Value
Battery Cells	IFR26650 - 5000mAh
Dimensions (L x W x H)	210mm x 92mm x 70mm
Weight	Approx. 2.350 kg (estimated)

Discharge Specifications

Specification	Value
Max Continuous Discharge Current	15A
BMS Overdischarge Protection Current	20A
Overdischarge Protection Voltage	16.8V
Overdischarge Recovery Voltage	18.4V
Short Circuit Protection	Yes

Charge Specifications

Specification	Value
Charge Current	5A (Recommended)

Specification	Value 29.2V
Charge Voltage	33.3V V 3.2V
Overcharge Protection Voltage	per cell
Overcharge Recovery Voltage	
Equalization Turn-on Voltage	

Temperature Specifications

Specification	Value
Discharge Temperature	-20°C to 60°C
Charge Temperature	0°C to 45°C
Storage Temperature	-5°C to 45°C

Key Features:

- **High Energy Density:** Utilizing 26650 LiFePO4 cells for stable performance and longer life.
- **Integrated BMS:** Ensures protection against overcharge, overdischarge, and short circuits.
- **Environment Friendly:** LiFePO4 chemistry is safe and has a low environmental impact.
- **Compact Design:** Fits easily in small spaces with a robust casing.

Image Preview

Let me create a visual representation for this battery based on the specifications provided.

