

## Datasheet of the LiFePO4 battery 60.8V30Ah

### Nominal Characteristics

Nominal Voltage	60.8 V
Nominal Capacity (@0.5C)	30 Ah
Nominal Energy	1824 W
Cell Chemistry	LiFePO4
Cell type	Prismatic
Internal Resistance	≤57 mΩ (AC Impedance, 1000 Hz)
Cycle Life(@25°C, 1C discharge,80%DOD)	≥3500 Cycles

### Charging Specifications

Charge Voltage	69 V
Recommended Charging Current	10 A ~ 15 A
Max. Charging Current	30 A

### Discharging Specifications

Discharge Cut-off Voltage	38 V
Discharging Continuous Current	30 A
Max. Discharging Continuous Current	80 A @10s

### Operating Conditions

Charge Temperature	0°C to 45°C
Discharge Temperature	-20°C to 55°C
Storage Temperature	-10°C to 30°C

### Mechanical Characteristics

Weight	<20 Kg
Dimension ( L x W x H ) in mm	245 x 170 x 200
Communication Interface	Bluetooth (CAN bus et RS485 Optional)
Terminal Type	Connector DIN80A
Housing Protection	IP54