

Datasheet of the LiFePO4 battery 73.6V100Ah

Nominal Characteristics

Nominal Voltage	73.6V
Nominal Capacity (@1C)	100Ah
Nominal Energy	7360Wh
Cell Chemistry	LiFePO4
Cell type	Prismatic
Internal Resistance	≤ 13.8 mΩ (AC Impedance, 1000 Hz)
Cycle Life (@25°C, 1C discharge, 80%DOD)	≥2500 Cycles

Charging Specifications

Charge Voltage	83.9V
Recommended Charging Current	30A
Max.Charging Current	50A

Discharging Specifications

Discharge Cut-off Voltage	57.5V
Discharging Continuous Current	100A
Max.Discharging Continuous Current	150A @30s / 200A @10s

Operating Conditions

Charge Temperature	0°C to 55°C
Discharge Temperature	-20°C to 60°C
Storage Temperature	-30°C to 55°C (One month) ; - 10°C to 35°C (One year)

Mechanical Characteristics

Weight	65Kg
Dimension (L x W x H)	630X500X240
Communication Interface	Bluetooth (CAN bus et RS485 Optional)
Terminal Type	Connector XBE 160A
Housing Protection	IP 54