

10KWh LifePO4 Battery

Rack-mounted (5U)

- Built-in BMS
- Clean energy
- Flexible capacity expansion



Electrical Parameters	Nominal Voltage	51.2V
	Nominal Capacity	200Ah
	Energy	10.24KWh
	Internal Resistance	≤50m Ω
	Cycle Life	> 6000 cycles
	Months Self Discharge	< 3%
	Efficiency of Charge	100% @0.2C
	Efficiency of Discharge	96~99% @1C

Standard Charge	Charge Voltage	57.6±0.2V
	Charge Mode	0.2C to 57.6V, then 57.6, charge current 0.02C(CC/CV)
	Charger Current	50A
	Max.Charge Current	100A
	Charge Cut-off Voltage	57.6V

Standard Discharge	Continuous Current	100A
	Max.Pulse Current	200A(< 3s)
	Discharge Cut-off Voltage	44V

Environmental	Charge Temperature	0°C to 45°C (32F to 113F) @60±25% Relative Humidity
	Discharge Temperature	-20°C to 60°C (-4F to 140F) @60±25% Relative Humidity
	Storage Temperature	0°C to 40°C (32F to 104F) @60±25% Relative Humidity
	Water Dust Resistance	

Mechanical	Cell & Method	3.2V 100AH-16S
	Plastic Case	standard case
	Dimension(mm)	560*442*222mm
	Weight	92.3Kg
	Terminal	Energy storage connector
	Protocol(optional)	RS485/CAN
	BMS	16S100A

Lithium iron Phosphate (LiFePO4) Battery

- Safety in use
- Low self discharge rate
- High Cycle times and long service life
- High energy density and conversion efficiency
- Environmental friendly, without any heavy metals
- Easy installation, BMS modbus protocol can communicate with the inverter

Battery Applications

Data Center UPS / Telecom Backup Power / Military Power Supply / Medical Devices
/ Solar Energy Storage System / Industrial Robotics & Handling Equipment

