

## Lithium Battery Pack LiFePO4 51.2V 400Ah

### Cell type:

LiFePO4 26650-3.2V1000mAh

### Pack configuration:

16S4P

BMS built-in



### SPECIFICATIONS

Nominal voltage		51.2V
Typical capacity		400±2Ah (At 0.2C discharge rate)
Discharge	Normal current	100A
	Max continuous current	200A (≤ 5min)
	Cut-off voltage	About 40V
Charge	Voltage	58.4±0.1V
	Current	≤80A
	Charge mode	CC/CV, please use special lithium charger
Inner resistance	Discharging Inner resistance	≤30mΩ
Operation temperature/ humidity range	Charge	0°C ~ +45°C
	Discharge	≤ 45°C, if higher please pay attention to ventilation and heat disipation.
	Humidity	RH ≤85%
Storage temperature/ humidity range	Temperature	0°C ~ 40°C (Capacity 80%) Recommended long-term storage temperature is 15~25°C
	Humidity	RH≤50
Protection function		Over charge protection, Over discharge protection, Temperature protection, Balacing function
Communication		RS485, CAN (optional)
Shell material		Iron
Size (LxWxH)		(1350±2)mm x (600±2)mm x (600±2) mm
Weight		290±10kg
Cycle		Standard charge at 0.2C (A), rest 0.5~1 h, discharge at 0.2C to cut off voltage, rest 0.5~1h, repeat the above steps until 1500 cycles (capacity retention rate ≥80%).