

PS2500B

2500Wh Expansion Battery Pack

- Built-in BMS management protection system, monitor the working status of battery in real time.
- Adopt high-capacity, high-safety square aluminum shell core.
- Plus power pack can be applied to complex working scenarios.
- Software calculates SOC, SOH, SOP algorithm strategy to protect the battery life and endurance.
- Adopt software dynamic addressing method.
- Support CAN communication and online upgrade function.



Technical Parameter

Model	PS2500B
Net Weight	≈25.2KG
Dimension	536*270*225mm
Nominal energy	2560Wh
Nominal capacity	50Ah
Nominal Voltage	51.2V==
Working voltage range	40-57.6V==
Operating humidity	10%-85%(Non-condensing)
Altitude	< 2000m
Current	Charge:50A Max.; Discharge:70A Max.
Cell Type	Lithium iron phosphate battery (LiFePO4)
Cycle Life*	4000 Cycles
Temperature range	Charge: 0~45°C/Discharge: -20~45°C
Storage Ambient Temperature Range	-20~45°C
Certification	 CA65, TSCA, RoHS, Reach, WEEE, POPS, UN38.3, MSDS

Cycle Life*: Test conditions. 95%DOD. 0.5C Charge & 1.0C Discharge at +25°C±3°C.