

SOE-B200 LITHIUM ION BATTERY

SOE-B200 25.6V200Ah

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1. Easy parallelable up to 6 units



2. Plug and play wiring for easy and fast installation



3. Large screen for monitoring and troubleshooting



4. Bluetooth enabled monitoring option

Technical Data

Item	Specification
Description	Rechargeable LiFePO4 Battery Pack
Cell Type	3.2V 100Ah
Chemistry	LiFePO4 (Lithium Iron Phosphate)
Cell Configuration	2P8S
Nominal Voltage	25.6V
Nominal Capacity	200Ah
Connectivity	RS485 + CAN + Bluetooth, active cell balancing
Protection	Over-Charge/Discharge/Current/Temp, Short-Circuit
Charging Method	CC–CV (Constant Current – Constant Voltage)
Charging Voltage	28.8V ±0.025V
Over-Charge Protection Voltage	3.65V ±0.025V
Standard Charging Current	100A (0.5C)
Maximum Charging Current	200A
Cut-off Charging Current	10A (0.05C)
Maximum Discharging Current	200A
Discharging Cut-off Voltage	20V
Over-Charge Current Protection	210A ±5A
Level 1 Over-Discharge Current Protection	210A ±10A
Level 2 Over-Discharge Current Protection	≥250A
Over-Discharge Protection Voltage	2.7V ±0.08V
Internal Resistance	<15 mΩ
Balancing Voltage	3.350V
Balancing Current	60 ±30 mA
Standard Charge Temperature	0 ~ 45 °C
Standard Discharge Temperature	–20 ~ 60 °C
Storage Temperature	–20 ~ 60 °C
Storage Humidity	65% RH, non-condensing
Dimensions (L × W × H)	500 × 450 × 140 mm (excl. handles/terminals/lugs)
Weight	Approx. 50 kg