

SOE-B100 LITHIUM ION BATTERY

SOE-B100 51.2V100Ah

SOERIC



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
Charging Method	CC–CV (Constant Current – Constant Voltage)
Charging Voltage	57.6V ±0.025V
Over-Charging Protection	3.65V ±0.025V
Standard Charging Current	20A (0.2C)
Maximum Charging Current	100A
Cut-off Charging Current	2A (0.02C)
Standard Discharging Current	20A (0.2C)
Maximum Discharging Current	100A
Discharging Cut-off Voltage	43.2V
Over-Charge Current	110A ±5A
Level 1 Over-Discharge Current	110A ±10A
Level 2 Over-Discharge Current	≥150A
Over-Discharge Protection	2.7V ±0.08V
Internal Resistance	<80 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 (excluding handles, terminals, and lugs)
Weight	Approx. 50 kg