



BluE-S-5000D SERIES

BluE-Pack-5.1/10.2/15.3 Datasheet

Technical Specifications

Battery Specifications			
Model	BluE-Pack-5.1	BluE-Pack-10.2	BluE-Pack-15.3
Battery type	LFP (LiFePO4)		
Weight (Kg)	48	95	
Dimension (W×H×D)mm	540*560*240mm	540*1050*240mm	540*1540*240
IP Protection	IP65		
Warranty	5 Year Product Warranty, 10 Year Performance Warranty		
Electrical			
Energy Capacity	5.12kWh	10.24kWh	15.36KWH
Depth of Discharge (DoD)	90%		
Rated voltage	51.2V		
Operating Voltage Range	44.8~57.6V		
Internal Resistance	≤ 20 mΩ		
Number of cycles	≥5300cycles		
Operation			
Max. Charging Current	80A	100 A	100 A
Max. Discharging Current	50 A	100 A	100 A
Operating temperature range	0℃~+55℃ (Charging)/-20℃~+55℃(DisCharging)		
Storage temperature range	-30℃~+60℃		
Humidity	0% ~ 90%		
BMS			
Power Consumption	<2 W per module		
Monitoring Parameters	System voltage, current, cell voltage, cell temperature, PCBA temperature measurement		
Communication	CAN and RS-485 compatible		
Ventilation type	Passive and Active Cooling		
Certificate			
Safety(Cell)	IEC 62619、UL 1973、UN 38.3		

Specifications subject to change without prior notice.

