

Rechargeable LITHIUM IRON PHOSPHATE (LiFePO4) Battery

Specifications

Model	HS-BG5000W-A5
Basic Parameter	
Rated Voltage (V)	51.2
Rated Capacity (Ah)	100
Rated Energy (Wh)	5120
Operation Parameter	
Voltage Range (V)	44.8-56
Charge Voltage Range (V)	56-57.6
Cut-off Voltage (V)	44.8
Recommend Charge Current (A)	50
Max Charge Current (A)	100
Max Discharge Current (A)	100
Operation Parameter	
Dimension : L*W*H (mm)	400*165*670 (Without base)
Weight (kg)	54.8
Communication Port	RS485、CAN
Display	LED
Terminal	Plug-in
Compatible inverter	Growatt, Goodwe, Sol-Ark, SRNE, DEYE
Environment Parameter	
Humidity (%)	5-95% RH
Charge Temperature Range (°C)	0-45
Discharge Temperature Range (°C)	-20-60
Storage Temperature Range (°C)	-20-45
Service Life	
Cycle Life	> 6000 cycles (0.5C@ 25°C , 80% DOD)
Design Life (Year)	15
Certification	
Safety & Certification	CE , EMC
Transportation	UN38.3