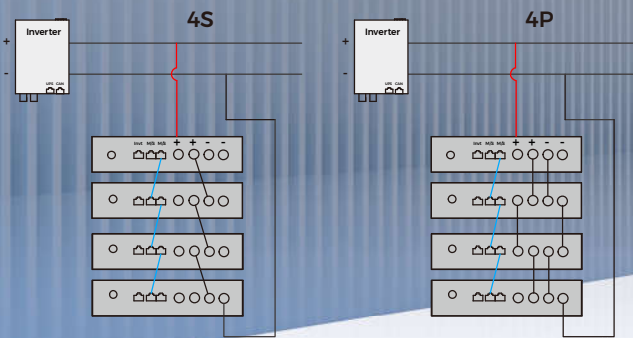




Energy Storage System Rack Mounted Series

LFP 5000



FEATURES



LFP 5000

3U/500*442*133mm

 >6000
Cycle Life@25°C

 Automatic
Wake-up Function
Under off-grid System
Environment

 Multiple Safety
Protection
Relay, Fuse

 New&Old Batteries
can be used
in together
Connect in Parallel

 Smart BMS
Self-developed BMS


 Remote Monitoring
Self-developed APP

 Parallel& Series
Assembly Freely in Series or
Parallel Up to 8S8P

 Voltage Balancing
Voltage Balancing between
Battery Cells&Battery Pack



Technical Specifications

					
Model		LFP 5000			
Total Energy*		5.1kWh			
Usable Energy(DC)*		4.6kWh			
Peak Power(Only Discharge)		6kW for 3s			
Constant Current(Only Discharge)		80A			
Voltage		48~56Vd.c			
Nominal Voltage		51.2Vd.c			
Nominal Current		60A			
Max. Charge Voltage		57.6Vd.c			
Weight		45kg			
Dimension(mm)(L*W*H)		500*442*133mm			
Max Recommended DOD		90%			
Operating Condition		Indoor			
Operating Temperature	Charge	From 0~50 C			
	Discharge	From -10~55 C			
WIFI Frequency Range		2400MHZ~2483MHZ			
Humidity		<60%(No Condensed Water)			
Over Voltage Category		II			
Cooling Type		Natural Cooling			
Case Material		Metal			
Color		Black or White			
Installation		Wall mounting/Ground Installation			
IP Rating		IP 20			
Protective Class		I			
Max Connection Number		8S/8P	16S/16P	8S/8P	4S
Warranty		10 years			
Life Span		>15 years			
Communication		CAN/ RS485			
Protection Mode		Dual hardware protection			
Battery Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature			
Safety		Cell UL 1973	Cell UL 1973	Cell TUV	Cell TUV
		CE/TUV			
Hazardous Material Classification		9			
Transportation		UN 38.3			
Testing conditions based on temperature 25 C at the beginning of life. *Total Energy/Usable Energy measured under specific conditions from CTE 0.2C CC-CV					