

Energy Storage System Rack Mounted Series

LFP 5000 HV

Remote Monitoring

Self-developed APP

Voltage Balancing

Voltage balancing between
battery cells&battery pack

>6000

Cycle Life@25°C

Multiple Safety Protection

Relay, Fuse

5120Wh

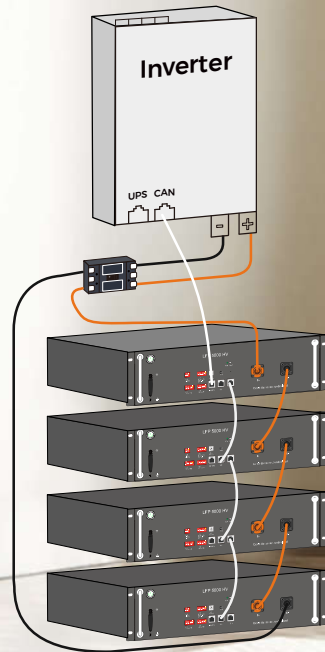
Support up to 4 Series
Connection
102.4V, 5120—20480Wh

Automatic Wake-up Function

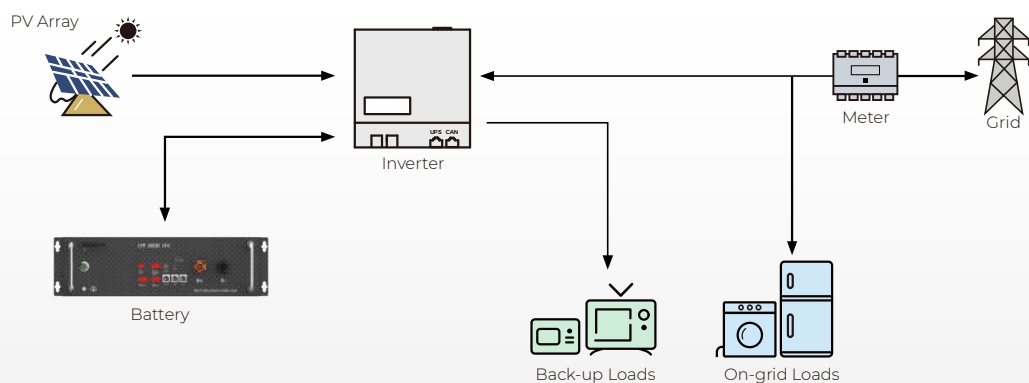
Under off-grid
System Environment

Smart BMS

Self-developed BMS



High voltage
Reduce energy loss
High energy conversion rate



Product Type		LFP 5000 HV
Technical Specifications		
Total Energy*		5.1kWh
Usable Energy(DC)*		4.6kWh
Nominal Dis-/Charge Power		3.0kW
Peak Power(Only Discharge)		6kW for 3s
Voltage		96~112Vd.c
Constant Discharge Current		30A
Nominal Voltage		102.4Vd.c
Nominal Current		30A
Max. Charge Voltage		115.2Vd.c
Weight		45kg
Dimension(mm)		520*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		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 TUV
		CE/TUV
Hazardous Material Classification		9
Transportation		UN 38.3