

Energy Storage System Energetic Series

LFP 5.0 kWh/LV

1

In the triple protection

In the triple protection,
the effective guarantee of the safety of the person

Inquiry

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Reliable LFP Cells



Easy Installation &
After Sales Service



High Inverter
Compatibility



Digital monitoring
system APP



Intelligent
Build in BMS

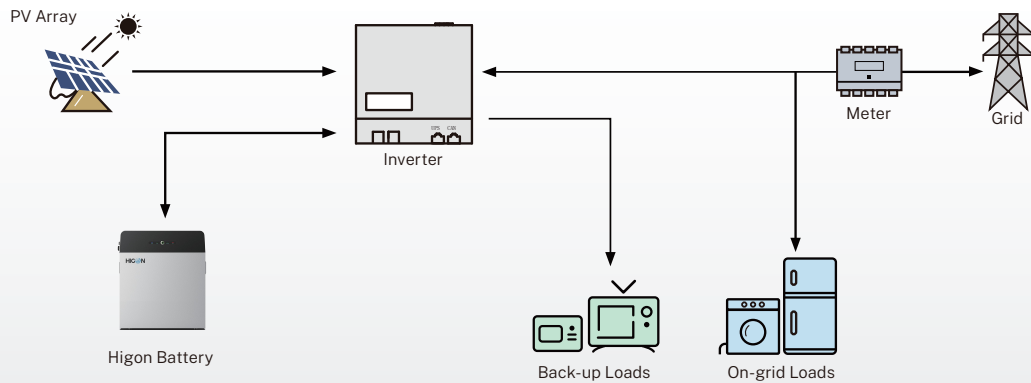


Safety Protection
and Easy Move

>6,000 Cycles
at 90% DOD



Scalable up to
20kW(4 Parallel)



Product Type		LFP 5.0kWh/LV
Technical Specifications		
Total Energy*		5.0kWh
Usable Energy(DC)*		4.6kWh
Nominal Dis-/Charge Power		3.0kW
Peak Power(Only Discharge)		7kW for 3s
Voltage		48-56Vd.c
Constant Current (Only Discharge)(10 Minutes)		100A
Nominal Voltage		51.2Vd.c
Nominal Current		60A
Max. Charge Voltage		57.6Vd.c
Weight		55kg
Dimension(mm)		525*537*238mm
Max.recommended DOD		90%
Operating Condition		Indoor or outdoor
Operating Temperature	Charge	From 0-50 °C
	Discharge	From -10-55 °C
WIFI Frequency Range		2400MHz-2483MHz
Humidity		4-100%(No condensed water)
Pollution Degree		3
Over Voltage Category		II
Cooling Type		Natural cooling
Case Material		Metal + Plastic
Color		Black+Silver grey or White
Installation		Free standing
IP rating		IP 65
Protective Class		I
Max. Number of Parallel		4
Warranty		10 years
Life Span		>15 years
Communication		CAN/ RS485
Protection Mode		Triple hardware protection
Battery Protection		Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature
Safety		Cell UL 1973
		CE
Hazardous Material Classification		9
Transportation		UN 38.3