



51.2V 5.12 kWh

PowerLine- 5 is an ultra-thin wall-mounted battery that can be installed directly on the wall through a simple installation method quick installation. Exquisite designed, compact size can fit into any small space in the home. We use industry-leading LiFePO4 technology to cycle more than 6000 times @ 90% DOD.



Modular and scalable



Max. 1C charge/
discharge



6000 Cycle Life @90% DOD



10-year warranty &
technical support



30 days delivery period



For on-grid and off-grid



UL standard battery
pack



Compatible with
multiple inverters



Safe and reliable LiFePO4

Item		General Parameter	
Model		PowerLine-5	
Nominal energy		LiFePO4	
Nominal Voltage (V)		51.2	
Nominal Capacity (wh)		5120	
Usable Capacity (wh)		4864	
Cell & Method		16S1P	
Dimension(mm)(W*H*D)		(700*540*90) ±1mm	
Weight(Kg)		48.3±2Kg	
Discharge Voltage (V)		47	
Charge Voltage (V)		55	
Charge	Rated Current / Power	80A / 4.096kW	
	Peak Current / Power	110A / 5.632kW	
Discharge	Rated Current / Power	100A / 5.12kW	
	Max. Current / Power	120A / 6.144kW, 1s	
	Peak Current / Power	150A / 7.68kW, 1s	
Communication		RS232, RS485, CAN, WIFI, Bluetooth	
Depth Of Discharge(%)		95%	
Expansion		Up to 32 units in parallel	
Working Temperature	Charge	0~55°C	
	Discharge	-20~55°C	
Storage Temperature		0~35°C	
Short Circuit Current /Duration Time		350A, Delay time 500μs	
Cooling Type		Nature	
Protection Level		IP20	
Monthly Self-discharge		≤ 3%/month	
Humidity		≤ 60% ROH	
Altitude(m)		< 4000	
Warranty		10 Years	
Design Life		> 15 Years (25°C / 77°F)	
Cycle Life		> 6000 cycles, 25°C	
Certification & Safety Standard		UN38.3	

Note: Customized models and adjusted parameters are available upon request.



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