



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)	4608	
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	Rate. Current / Power	50A / 2.56kW
	Max. Current / Power	80A / 4.096kW
	Peak Current / Power	110A / 5.632kW
Discharging	Rate. Current / Power	100A / 5.12kW
	Max. Current / Power	120A / 6.144kW, 1s
	Peak Current / Power	150A / 7.68kW, 1s
Communication	RS232, RS485, CAN, WIFI(Optional), Bluetooth(Optional)	
Depth Of Discharge(%)	90%	
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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