

O GreensunSolar







Outage Protection

(C) >6000Cycles

(11

) Easy Move&Installation

(BMS) Intergrated Advanced BMS

Reallel Connection to expand capacity

(F) Best Suitable for ESS HESS Off-grid/Hybrid Solar System UPS



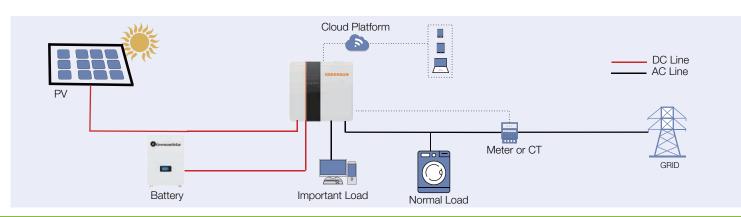
Module Introduction

51.2V100AH Powerwall

Specification			
Model	LFP51.2-100 Powerwall 51.2V100Ah		
Battery Type	liFePO4(LFP)		
Norminal Voltage(V)	51.2V		
Norminal Energy(KWH)	5.12KWH		
Design Life	20Years(25°C /77 F)		
Physical			
Dimension(mm)	675*475*186mm		
Weight(kg)	50kg		
Electrical			
Cycle Life	>6000, 25°C		
Discharge Voltage(V)	40.0-58.4		
Charge Voltage(V)	56.0-58.4		
Charge/Discharge Current(A)	50A(Recommended) 100A(Max)		
Intermal Resistance	≪30mΩ		
BMS			
Power Consumption	<2W(Work)<100mw(Sleep)		
Monitoring Parameters	System voltage,current,cell voltage cell temperature,module temperature		
SOC	Intelligent algorithn		
Communication	CAN/RS-485		
Operation			
Operating Temperature Range	-10°C-50°C		
Transport Storage Temperature Range	-20°C-45°C		
Humidity	15%-85%(No Condensing)		
Warranty			
Warranty	5/10 Years		



The Battery system is widely used in RESS(Residential Energy Storage System such as solar storage system,UPS. The Powerwall LiFePO4 Battery Pack adopts international advanced lithium iron phosphate battery application technology and BMS control technique.



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