

Module Introduction

51.2V100AH 5120WH



 **All-time monitor**

 **Safety for home**

 **Long Lifespan**

 **Flexible capacity**

 **Easy Installation**

Work With



Normal	
Battery Type	LiFePO4(LFP)
Nominal Voltage(V)	51.2 V
Nominal Capacity(WH)	5120 WH
Usable Capacity(WH)	4608WH
Design Life	10+ Years (@25℃/77F)
Physical	
Dimension(mm)	460*590*150 mm
Weight(kg)	55 kg
Electrical	
Cycle Life	>6000 cycles @25℃±2℃,80%DOD
Discharge Voltage(V)	44.8V
Charge Voltage(V)	57.6V
Charge/Discharge Current(A)	50 A(Recommended)
	100 A(Max)
Internal Resistance	≤30mΩ
BMS	
Power Consumption	<2W (Work) <100mW(Sleep)
Monitoring Parameters	System voltage, Current, cell voltage, cell temperature, module temperature
SOC	Intelligent algorithm
Communication	CAN/RS-485
Operation	
Operating Temperature Range	Charge Temperature 0℃~60℃; Discharge Temperature -20℃~60℃;
Transport or Storage Temperature Range	-20℃~45℃
Humidity	15%~85% (No Condensing)
Warranty	
Product Warranty	5 Years
Performance Warranty	10 Years