LFP-R 14.33KWH

LiFePO4 Battery Module



Features

- 16PCS 280AH LiFePO4 cells
- 51.2Vdc 14.33KWH rated capacity.
- · Long cycle life 6000 times.
- · Unique automatic calibration active banlancing technology BMS syestem.
- Modular, can be compatible with a variety of
- Standard CAN &RS485 communication port, can meet the require ment of several packages to connect in parallel, Master & Slave relationship, Monitor and other functions. Compatible with other brand inverters' communication protocols.

Applications



Self-Consumption



Off grid



Demand Charge



Back Up



DG+BESS



Micro-grid



Smooth output



Peak Shifting





	LFP-R 14.33kWh Lif	
Specification		
Model	LFP-R 51280H	
Rated Voltage	51.2V	
Rated Capacity	280Ah	
Rated Energy	14.33KWH	
Cell Configuration	16S1P	
Battery Cell	3.2V280AH 16PCS(EVE LF280K)	
Life cycles (80%SOH,25°C)	6000 Cycles	
Standard Charge		
Operation temperature range ©charging	0~60°C	
Rated charge voltage	56.8V	
Max. charge voltage	57.6V	
Overcharge protection	58.4V	
Allowed MAX charge current	140A	
Peak charge current	150A	
Rated charge current	140A	
Recommend charge current	≤140A	
Standard Discharge		
Operation temperature range ©discharging	-30~60°C	
Output Voltage Range	44.8~57.6Vdc	
Recommend Working Range	46.4~56.8Vdc	
Discharge Cut-off voltage	44.8V	
Allowed MAX discharge current	280A	
Peak discharge current	280A	
Rated discharge current	140A	
Recommend discharge current	≤140A	

iFePO4 Battery Module			
	Mechanical Characteristics		
_	Dimension H*W*D	250*547*763mm	
_	Weight (N.W.)	103±3Kg	
_	Weight(G.W.)	103±3Kg	
_	Storage and Transportation Requirements		
_	Storage Temperature	Less than 1month	-20~45°C
_		Less than 6month	-10-30°C
_ `	Storage Humidity		45~75%RH
	SOC	Storage	60~75% SOC
		Transport	45~55% SOC