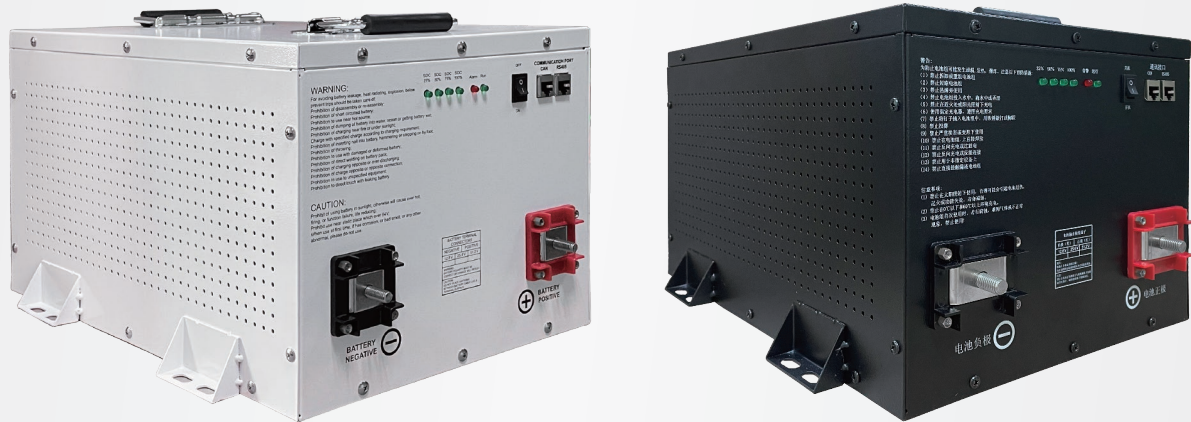


# LFP-RV 5.12kWh

## LiFePO4 Battery Pack



### • Features

- IP31 Protection, Indoor use only.
- 16PCS 100AH LiFePO4 cells .
- High reliability intelligent BMS .
- 12.8Vdc/25.6Vdc/51.2Vdc, 5.12KWH rated capacity.
- Long cycle life 4000 times.
- 12.8Vdc/25.6Vdc/51.2Vdc voltage output suitable for home energy storage system, communication stations and other applications.
- Standard CAN & RS485 communication port.

**• Technical Parameter**

<b>LFP-RV 5.12kWh LiFePO4 Battery Pack</b>			
Specifications			
Model	LFP12400RV	LFP24200RV	LFP48100RV
Rated Voltage	12.8V	25.6V	51.2V
Rated Capacity	400Ah	200Ah	100Ah
Rated Energy	5.12KWH		
Cell Configuration	4S4P	8S2P	16S1P
Battery Cell	3.2V100AH 16PCS		
Standard Charge			
Operation temperature range @charging	0~60°C		
Rated charge voltage	13.8±0.1V	27.6±0.2V	55.2±0.4V
Max charge voltage	14.2±0.1V	28.4±0.2V	56.8±0.4V
Overcharge protection	14.6±0.1V	29.2±0.2V	58.4±0.4V
Allowed MAX charge current	220A 30s	110A 30s	55A 30s
Peak charge current	240A 5s	120A 5s	60A 5s
Rated charge current	200A	100A	100A
Recommend charge current	<200A	<100A	<50A
Standard Discharge			
Operation temperature range @discharging	-35~60°C		
Output Voltage Range	10-14Vdc	20~28Vdc	40~56Vdc
Recommend Working Range	11.5~13.5Vdc	23~27Vdc	46~54Vdc
Discharge Cut-off voltage	10V	20V	40V
Allowed MAX discharge current	440A 30s	220A 30s	110A 30s
Peak discharge current	480A 5s	240A 5s	120A 5s
Rated discharge current	400A	200A	100A
Recommend discharge current	<400A	<200A	<100A
Mechanical Characteristics			
Dimension H*W*D	450*320*240mm		
Shipping H*W*D	550*420*360mm		
Weight(N.W.)	47KG		
Weight(G.W.)	50KG		
Communication			
RS485	For LCD remote		
CAN	PC control and monitor		
Storage and Transportation Requirements			
Storage Temperature	Less than 1 month	-20~35°C	
	Less than 6 month	-10-30°C	
Storage Humidity		45~75%RH	
SOC	Storage	60~75% SOC	
	Transport	45~55% SOC	