Lithium Iron Phosphate Battery

Rated Voltage: 12.8V / 25.6V

RS-150-12 / RS-150-24

RS-200-12 / RS-200-24



Supports series/parallel connection; 12V: max. 4-series.

Extra-long service life with hassle-free installation.

Precautions:

1.4-series battery pack supports a maximum configuration of 4 series and 4 parallel; an 8-series battery pack supports a maximum configuration of 2 series and 2 parallel.

2.Only battery packs of the same model provided by us can be used for series and parallel connection. You can check whether the rated capacity and rated voltage of each battery pack are the same through the label information.

3.Fully discharge or fully charge all battery packs first, then use a multimeter to test whether the voltage of each battery pack is the same. Ensure the remaining capacity of each battery pack is consistent before proceeding with series and parallel connection.

4.It is recommended to use brand-new battery packs for series and parallel connection. Used (old) battery packs will experience capacity degradation after use, which will also lead to a decrease in the total capacity after series connection.

5.When installing the battery packs, connect them in parallel first, then in series.

For any operations involving series and parallel connection, please strictly follow the above suggestions. Otherwise, the company will not be responsible for after-sales services for any consequences arising therefrom.

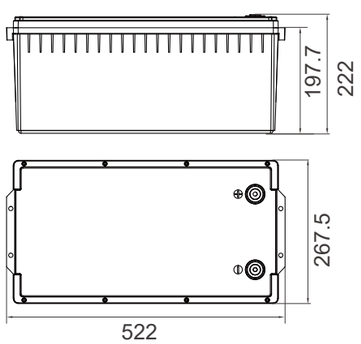
Technical Parameter

MODEL	RS-150-12	RS-150-24	RS-200-12	RS-200-24
MAIN INFO				
Rated Voltage	12.8V	25.6V	12.8V	25.6V
Rated Capacity	150Ah		200Ah	
Battery Power	1920Wh	3840Wh	2560Wh	5120Wh
Battery Type	LiFePO4			
Max. Series Capacity	4	2	4	2
With BMS	Yes			
CHARGE&DISCHARGE				
Max. Charging Voltage	14.6V	29.2V	14.6V	29.2V
Over Discharging Voltage	9.2V	18.4V	9.2V	18.4V
Max.continue discharge current	100A			
Max.pulse discharge current	200A 1Sec.			
Max.continue charge current	100A			
Depth of Discharge (DOD)	≥95%			
GENERAL				
Weight	17.94kg	35.88kg	22.5kg	46kg
Dimension（L*W*H）	502*186.5*243mm	522*267.5*222mm	385*205*268mm	524*365*233mm
Work Temperature	-10～+50℃			
Cooling Method	Neutral Cooling			
Protection Grade	IP65			
Cycles Life	≥6000 cycles*			
STANDARD				
Transportation	UN38.3,MSDS			
PROTECTION				
Protection	Over charge protection,Over discharge protection,Over current protection Shortcircuit protection,Over temperature protection			

*Test conditions: 0.2C charging / discharging @ 25°C,80% DOD.

Dimension

RS-150-24



RS-200-24

