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Bronze 12V + 24V Installation Instructions

	12V	24V
Max Bulk Charge Voltage	14.6V	29.2V
Recommended Bulk Charge Voltage	14.4V	28.8V
Float Voltage	13.6V	27.2V
Recommended Discharge Cut Off (10% SoC)	12V	24V
Minimum Discharge Cut Off (0% SoC)	10V	20V
Maximum Charge/Discharge	100A	100A
Recommended Charge/Discharge	50A	50A
Parallel Support	4	2
Series Support	4	2

Departure from these values may result in degraded performance or longevity and large departures may result in warranty being voided.

Maximum values above are supported but for greatest life expectancy recommended values should be used.

Float Voltage may be set to 0V or disabled; float charge is not required for lithium batteries.

We do not recommend setting discharge cut off too close to the minimum 0% SoC, this is where the BMS goes into protection mode and can result in unexpected behaviour.

If the inverter does not allow precise voltage settings use the Gel/AGM charging behaviour.

Ensure the correct sized cables are used as is required by the inverter.

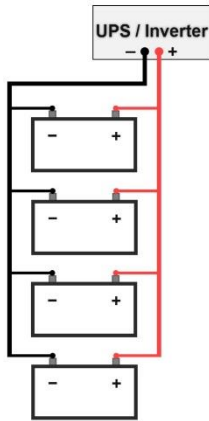
Best practices for installation should always be followed along with adherence to local regulations.

LiFePO₄WER accepts no liability whatsoever for any direct or indirect losses, damages, injuries, or deaths occurred by the purchase or use of its products.

LiFePO₄WER reserves the right to update these instructions from time to time, the update will apply to all products past and present and shall be communicated by publishing on the official website:

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Parallel Installation

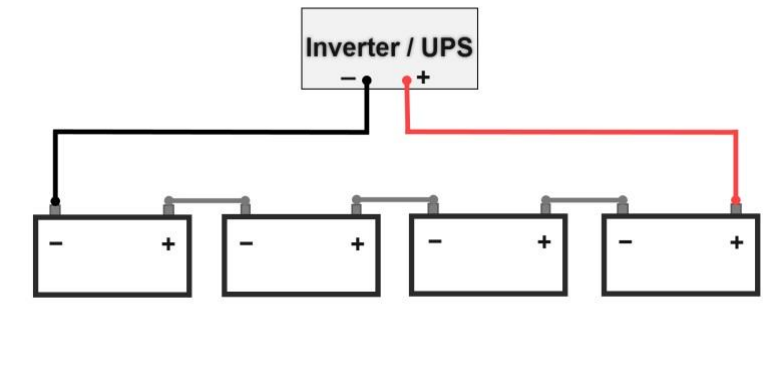


Charge individual batteries to the same voltage separately before connecting in parallel. Failure to do so could result in large current discharge when connecting.

Do not mix models, brands, or types of batteries.

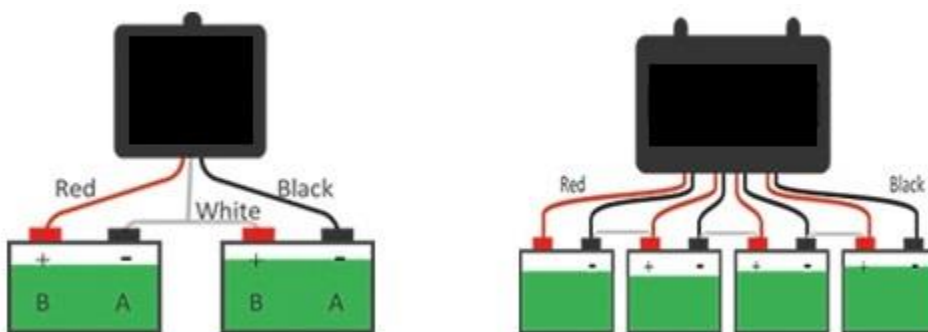
Do not exceed the maximum specified batteries.

Series Installation



EXTERNAL BATTERY BALANCER REQUIRED

EXAMPLE:



Failure to use an external battery balancer will result in damage, severe degradation and voiding of warranty.

Do not mix models, brands, or types of batteries.

Do not exceed the maximum specified batteries.