

48V GRILA



PARAMETERS

Note: Bulk, Absorption, Float, and Equalize are not applicable to lithium batteries but are included here with the correct numbers to input into your charge controller as they are our most commonly requested parameters.

Charge Voltage: 58.8V

Bulk Voltage: 58.8V (Not Applicable to Lithium Batteries)

Absorption Voltage: 58.8V (Not Applicable to Lithium Batteries)

Absorption Time: 0 Minutes (Not Applicable to Lithium Batteries)

Float Voltage: 58.8V (Not Applicable to Lithium Batteries)

Equalize: Off (Not Applicable to Lithium Batteries)

Low Voltage Cutoff: 39.2V (51.2V for Increased Cycle Life at 80% DoD)

High Voltage Cutoff: 58.8V



FREQUENTLY ASKED QUESTIONS

How do I connect this battery into my existing system?

Our product uses an Anderson SB175 connection. All you need to connect to our battery is an Anderson SB175 adapter (which we sell on our website) connected with 8, 6, 4, 2, or 0 gauge wire going to your system.

How many times can I put this battery in parallel / series?

This battery is not series capable but can be connected in parallel up to eight times. Make sure that the total amount of these batteries in your configuration never exceeds eight total batteries.

What is the ideal temperature range for this battery?

This battery's recommended discharge temperature range is between -30°C (-22°F) and 55°C (131°F), with an optimal range of 15°C (59°F) to 35°C (95°F) in order to not put extra strain on the battery. The safe charging temperature range is between 0°C (32°F) and 55°C (131°F). Finally, this battery can be stored for up to six months between -30°C (-22°F) and 55°C (131°F) but it is always recommended to keep your battery above 0°C (32°F).

Can I connect into this battery's BMS to get extra info?

Our BMS is just there to keep your battery safe and healthy, it does not have the ability to network with any charge controllers or inverters for extra read-outs.

What is the warranty on this battery?

We offer a comprehensive 10 year warranty on all of our batteries. You can read more about our warranty at BigBattery.Com/Policies



CONTACT US

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BATTERY SPECS

Chemistry:

Lithium Iron Phosphate

Voltage:

48V

kWh:

6 kWh

Amp Hours:

120 AH

BMS SPECS

Max Continuous Discharge:

130A

Max Continuous Power:

6656W

Max Peak Discharge:

200A (Over 6 Seconds)

Suggested Charge Voltage:

58.8V

Max Charge Current:

100A

Suggested Charge Current:

50A

BATTERY SIZE

Weight:

195 lbs

Length:

23.8 in

Width:

11 in

Height:

36.6 in