



# RHINO 2

FRHNO-48143-G2



## FEATURES

- CANBus/RS485 communications
- IP65 protection rating
- Interactive LED Display
- Self-heating function
- Smart BMS with auto-cell balancing
- UN38.3, UL1973, UL9540, & UL9540a certified

## SYSTEM 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.

SKU	FRHNO-48143-G2
System Voltage	48V
Charge Voltage	57V
Bulk Voltage	57V
Absorption Voltage	57V
Absorption Time	0 minutes
Float Voltage	55V
Equalize	Off
Low Voltage Cutoff	48V
High Voltage Cutoff	57V
Suggested Inverter Low Voltage Setting	50.8V

## CONTACT US

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## FREQUENTLY ASKED QUESTIONS

### How do I connect this battery into my existing system?

These batteries use a UL-certified ESS connector. Each battery can be connected using the included cables. You may also purchase additional cables from BigBattery.

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

These batteries are not series capable but can be connected in parallel up to 3 times when connected to a single inverter. It is recommended not to exceed more than 3 parallel connections per 1 inverter. When connecting batteries in parallel, ensure all batteries are within 0.3 volts of one another.

### How long will my battery last, and what do I do at the end of its life?

Lithium iron phosphate (LiFePO4) batteries can be cycled from 3500 - 5000 times (80% DoD, 0.5C). If you cycle the battery daily, you can get over 10 years of use from your battery. When your battery is at the end of its lifespan, contact us & we'll recycle it for you, free of charge!

Last Revision Date: 12/20/2023