

72V FALCON

SKU: FFLCN-72023-G1



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: 85V

Bulk Voltage: 85V (Not Applicable to Lithium Batteries)

Absorption Voltage: 85V (Not Applicable to Lithium Batteries)

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

Float Voltage: 85V (Not Applicable to Lithium Batteries)

Equalize: Off (Not Applicable to Lithium Batteries)

Low Voltage Cutoff: 68V

High Voltage Cutoff: 85V

Suggested Inverter Low Voltage Setting: 69V - 70V



FREQUENTLY ASKED QUESTIONS

How do I connect this battery into my existing system?

Our product uses a standard 175 electrical connector. A single battery order will include a 175 Connector to Ring Terminal cable for ease of installation.

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. When connecting batteries in parallel, make sure all batteries are within 1 volt of one another.

How many years will my battery last?

Lithium Iron Phosphate (LiFePO4) batteries can be cycled from 3000 to 5000 times. If you cycle the battery daily then you can get more than 10 years of use from your battery.

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

Phone: (818) 280-3091 **Email:** Sales@BigBattery.Com

Hours: Monday through Friday 9:00 AM to 5:00 PM PST

Address: 9667 Owensmouth Ave. Chatsworth, CA 91311

Last Revision Date - 2/4/2022



BATTERY SPECS

Chemistry: **Voltage:**

LiFePO4 72V

kWh: **Amp Hours:**

2.1 kWh 28 Ah

Operating Voltage Range:

68V - 85V

Charging Voltage Range:

84V - 88V

Max Charging Voltage:

88V

⚠ WARNING: Do NOT exceed max charging voltage.

Cell Configuration:

24S

Charge Temperature Range:

0°C - 55°C

Discharge Temperature Range:

-30°C - 55°C

Optimal Discharge Temp. Range:

15°C - 35°C

Storage Temperature Range:

-20°C - 35°C (Max 6 months)

BMS SPECS

Max Continuous Discharge:

80A

Max Continuous Power:

6000W

Max Peak Discharge:

180A (Over 6 Seconds)

Max Charge Current:

30A

BATTERY SIZE

Weight: **Width:**

60 lbs 10.4 in

Length: **Height:**

14 in 9.5 in