

WALRUS

EVO-WALR-72130-G1



BATTERY SPECS

MAX MPPT Charge Current: 100A
kWh Capacity: 13 kWh
Amp Hours: 180 Ah
Operating DC Voltage Range: 60V - 84V
Cell Configuration: 20S 3P



WARNING: Do NOT exceed max charging voltage.

Charge Temperature Range:
-20°C (-4°F) / 55°C (131°F)
Storage Temperature Range:
-5°C (23°F) / 35°C (95°F) (Max 6 months)

INVERTER SPECS

Charge Voltage AC Input: 120V/208V(±10%)
System Voltage AC Output: 120V/220V(±10%)
Max DC Charge Current: 60A
PV Input Voltage Range: 100V - 150V
Continuous Surge Power: 8000W
Peak Surge Power (1Sec.): 16000W
MAX AC Charge Current: 30A
Output Frequency: 50Hz/60Hz (±0.5Hz)
Waveform: Pure-Sine Wave
Efficiency: 95%

BATTERY SIZE

Weight: 350 lbs. (159 kg)
Width: 21.7 in (550 mm)
Depth: 14.4 in (365 mm)
Height: 35 in (890 mm)



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: 84V
Bulk Voltage: Pre-Programed (Not Applicable to Lithium Batteries)
Absorption Voltage: Pre-Programed (Not Applicable to Lithium Batteries)
Absorption Time: 0 Minutes (Not Applicable to Lithium Batteries)
Float Voltage: Pre-Programed (Not Applicable to Lithium Batteries)
Equalize: Off (Not Applicable to Lithium Batteries)
Low Voltage Cutoff: 58.7V
High Voltage Cutoff: 83.2V
Suggested Inverter Low Voltage Setting: Pre-Programed

FAQ'S

How do I connect this battery into my existing system?

Our product is designed with a standard 175A Anderson plug and Terminal Block for PV and AC input. The output features Three-Pin and Four-Pin Locking plugs, providing 110V/220V AC.

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

Lithium-ion 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. When your battery is at the end of its lifespan, contact us and we'll recycle it for you, free of charge!

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 batteryevo.com/10-years-warranty/

Contact Us

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