

WALRUS

EVO-WLRS-08013-72N



BATTERY SPECS

MAX PV Charge Current: 80A 4.5kW

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

AC Input Voltage: 160-260V (UPS Mode)

AC Output Voltage: 120V/220V (±10%)

Max DC Charge Current: 80A

PV Input Voltage Range: 90V - 230V DC

Continuous Surge Power: 8000W

Peak Surge Power (3Sec.): 16000W

MAX AC Charge Current: 50A

Output Frequency: 50Hz/60Hz (±0.5Hz)

Waveform: Pure-Sine Wave

Efficiency: 95%

BATTERY SIZE

Weight: 368 lbs. (167 kg)

Width: 15.4 in (390 mm)

Depth: 24.4 in (620 mm)

Height: 39.6 in (1005 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)

Fire Extinguishers: Yes

Low Voltage Cutoff: 58.7V

High Voltage Cutoff: 83.2V

Suggested Inverter Low Voltage Setting: Pre-Programed

Generator Charging Max Current: 25A AC

5kW Generator Max Current: 15A AC

10kW Generator Max Current: 25A AC

FAQ'S

How do I connect this battery into my existing system?

Our product is designed with two 175A Anderson plugs for PV and DC charging and NEMA SS2-50P socket for AC input. The output features GFCI outlets and NEMA L14-30, providing 110V/220V AC.

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

This battery is not series capable but can be connected in parallel up to eight. 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.

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

Our BMS protects the cells from overcharging, over-discharge, and overcurrent; it can network with the BatteryEVO (Android & iOS) App 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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