

WALRUS G2

EVO-WLRS-1013-72N



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: 110V/220V (±10%)
Max DC Charge Current: 80A
PV Input Voltage Range: 90V - 230V DC
Continues Surge Power: 12.25kVA
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
Walrus Fan Noise: 58 - 62 dbA

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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