

## WALRUS ATLANTIC

### 12K Inverter + 30kWh Battery



### BATTERY SPECS

**MAX PV Charge Current:** 80A 4kW  
**kWh Capacity:** 30 kWh  
**Amp Hours:** 580 Ah  
**Operating DC Voltage Range:** 44.8V -58.4V  
**Cell Configuration:** 16S 2P



WARNING: Do NOT exceed max charging voltage.

**Charge Temperature Range:**  
0°C (32°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:** 12.25kVA  
**MAX AC Charge Current:** 50A  
**Output Frequency:** 50Hz/60Hz (±0.5Hz)  
**Waveform:** Pure-Sine Wave  
**Efficiency:** 95%

### BATTERY SIZE

**Weight:** 750 lbs. (340.2 kg)  
**Width:** 15.4 in (390 mm)  
**Depth:** 24.4 in (620 mm)  
**Height:** 56.75 in (1441.45 mm)



### PARAMETERS (EVO-WLRS-1030-48)

*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:** 58.4V  
**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:** 44.8V  
**High Voltage Cutoff:** 58.8V  
**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/](https://batteryevo.com/10-years-warranty/)

### Contact Us

Phone: (818) 337-0929  
Email: [Sales@batteryevo.com](mailto:Sales@batteryevo.com)

Hours: Monday - Friday 9:00 AM to 5:00 PM PST  
Address: 8966 Mason Ave, Chatsworth, CA 91311