

# BATTERY EVO

## 3000 Watt Pure Sine Inverter

INV005



### INVERTER SPECS

**System Voltage:** 12V  
**AC Input Voltage:** 95-127V AC  
**AC Output Voltage:** 120V  
**PV Charging Voltage:** N/A  
**MPPT PV Charging Current:** N/A  
**Output Power:** 3000W  
**DC Input Voltage:** 12V DC  
**Conversion Efficiency:** ≈ 90%  
**Conversion Time:** <8ms  
**Output Frequency:** 88%



**WARNING:** Do NOT block, wrap, or cover the inverter.

**Heat Dissipation Time:** <8ms  
**Altitude:** ≤ 1.86 mi (3km)  
**Heat Dissipation Solution:**  
Intelligent Temperature Control  
**Optimal Temperature Range:**  
-10°C (14°F) - 35°C (95°F)

### INVERTER SIZE

**Weight:** 51.8 lbs. (23.5 kg)  
**Width:** 16.5 in (420 mm)  
**Depth:** 7.3 in (185 mm)  
**Height:** 7.1 in (180 mm)



### PARAMETERS

*Note: Bulk, Absorption, Float, and Equalize are the important data for the inverter. These data should be provided by the batteries.*

**Standard Battery Voltage:** 12V  
**Battery DC Low Voltage Cutoff:** 10.0V  
**Battery DC High Voltage Cut-off:** 16.0V  
**Suggested Inverter Low Voltage Setting:** 12V  
**Charge Current Range:** 15 - 70A

### FAQ'S

#### How do I connect the inverter into my existing system?

We offer a standard 175A Anderson Connector to Ring Terminal cable. Also, there is a Terminal Block for AC input and output.

#### How to Calculate Household Electricity Usage?

First of all, list out all significant electrical appliances, devices, and fixtures in your household. And then, check the labels, user manuals, or manufacturers' websites for each appliance or device to find its power consumption in watts (W) (1kW = 1,000W). Next, determine the average number of hours (h) each item is used per day. This might require some guesswork, tracking, or referring to utility bills. Multiply the wattage of each item by the number of hours you use it daily to get the daily energy usage for that item in watt-hours(Wh). Energy (Wh) = Wattage(W) × Hours(h). Remember, the above method provides an estimate. Your actual energy usage can vary based on factors like the efficiency of your appliances, behavioral habits, or even things like the insulation of your home.

#### What is the warranty on this inverter?

We offer a comprehensive 1 year warranty on all of our inverters.

### Contact Us

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