



**12kW Inverter**



**4-6kW Inverter**

SunnyCal family of pure sine wave 48V off-grid inverters are designed for continuous use in the most demanding applications. These inverters can operate continuously at the rated output power and can surge to 300% that rating for up to 20 seconds without damage.

The Solar Inverter features:

- **48VDC to 120/240Vac split phase output**
- **AC input for pass-thru power**
- **Auto 10mS switching from AC and inverter power**
- **Adjustable battery charger from AC input power**
- **Integrated MPPT solar charge controller**
- **Switchable battery priority option**
- **Automatic generator start/stop output**
- **Output voltage has “soft-start” for low stress starts**
- **8 Battery selection options, including LiFePo**
- **Circuit breaker protection for AC input and output**

### **All-in-one solar**

This unit contains all the electronics needed for a complete solar system. System includes inverter, solar charge controller, battery charger, generator start/stop and remote monitor.

### **Unprecedented 90% efficiency**

The latest design innovation makes these inverters some of the most technically advanced inverters in the market.

### **Power capacity for heavy loads**

Both the 6kW and its larger sibling the 12kW can power resistive and inductive loads. Appliances like air conditioners, power tools and air compressors are no problem. 12kW inverter power: 120V at 100A.

### **UL Compliant design for tough conditions**

The circuit boards are conformally coated to resist dust and moisture. Full power operation can be sustained at the maximum 40 degree C temperature.

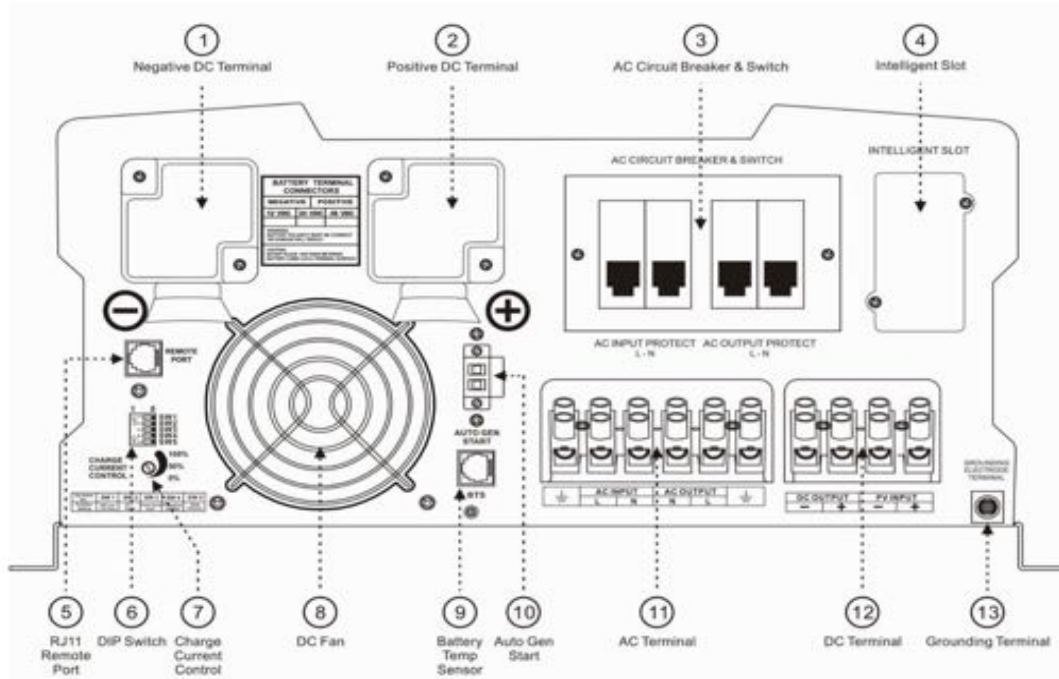
## **ABOUT SUNNYCAL SOLAR**

We have been providing turn-key solar power systems for more than a decade. From our production facility in Central California, we ship direct to customer sites, and have a network of trained installation contractors.

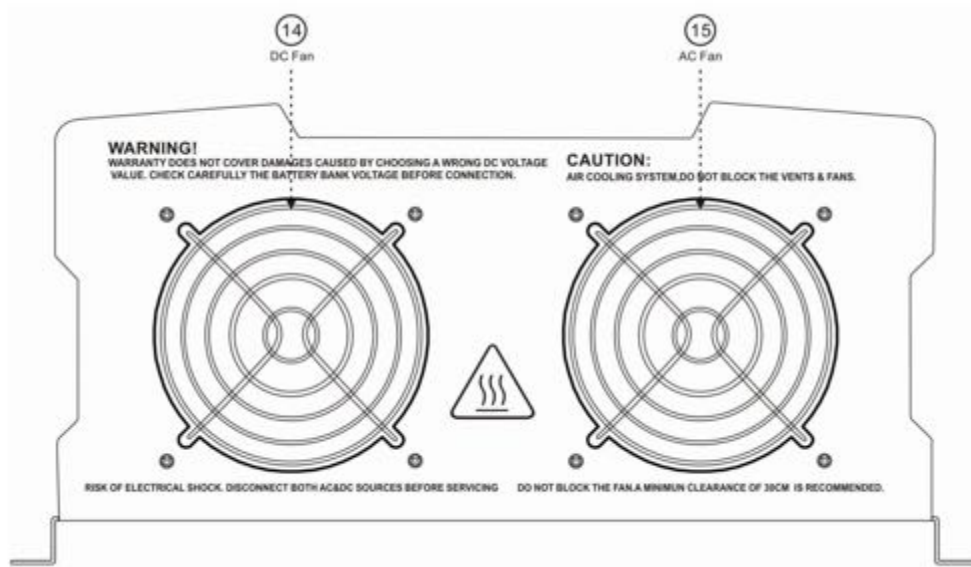
<Prices and specifications subject to change without notice>

# Off-Grid Solar Inverter

48V Battery to 120/240 Split Phase



End View Showing Wiring



End View Showing Fans