

INVERTER 3000-5000 PWM

STORE THE POWER OF THE SUN



- Pure Sine Wave Output
- Output Power Factor 1.0
- Configurable Battery charging Current
- It supports AC generators
- Smart battery charger to extend battery life
- Offers a selectable Input Voltage Range
- Inverter/Charger
- Configurable AC/ PV Charger Priority

Operation and Display Panel



The operation and display panel show the front panel of the inverter. It includes three indicators, four function keys and an LCD display, indicating the operating status and input/output power information.

Back Side Panel



The rear panel is equipped with AC Input/Output, Battery connector, PV connector, USB Communication Port, an Earthing System and a Circuit Breaker Reset Button.



PowerWalker Inverter 3000-5000 PWM series is a multi-function inverter/charger, combining functions of inverter, solar charger and battery charger to offer uninterruptible power support with portable size. Its comprehensive LCD display offers user-configurable and easy-accessible button operation such as battery charging current, AC/solar charger priority, and acceptable input voltage based on different applications.

General Features	Values	
Power Capacity	3000VA/ 3000W	5000VA/ 5000W
Output Power Factor	1.0	
LINE Mode Full Load	96.6%	
BATTERY Mode Full Load	88.2%	
PV Charger (Solar) & AC Charger	Values	
Solar Charger Type	PWM	
Max. PV Array Open Circuit Voltage	80 VDC	105 VDC
Max. PV Array Power	1200W	2400W
Max. Solar Charge Current	50A	50A
Max. AC Charge Current	25A	60A
Max. Charge Current	70A	110A
Input Specifications	Values	
Input Voltage Range	170-280 VAC (narrow range) 90-280 VAC (wide range)	
Frequency (Synchronized Range)	50Hz or 60Hz	
Input Type	Terminal	
Output Specifications	Values	
Nominal Output Voltage	230 VAC	
Voltage Regulation	+/- 5%	
Outlets	Terminal (1)	
Battery Specifications	Values	
Batteries	Only works with external Batteries	
DC Voltage	2 x 12V	4 x 12V
Transfer Time [AC to Battery]	10 ms narrow range 20 ms wide range	

Basic Application



It can be used with the Utility Service or a Generator as Input Source. The strong PV charger allows fast recharging of the external batteries

(Note: The PV charger cannot be used as an Input Source for direct powering of the any Load).

The PowerWalker Inverter 3000-5000 PWM, due to it pure sine wave inverter operation, it can power all kinds of appliances at home or at the office environment, including motor-type appliances, lighting, fan, refrigerator and air conditioner.