

PowerWalker Inverter 3000 PSW

Inverter / Charger System

3000VA Inverter with Pure Sine Wave

High Performance Long Backup Power Solution

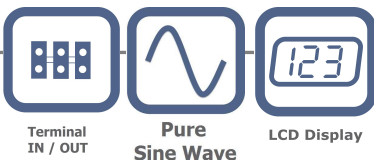
Built-in 20A super charger

LCD display for status view and Inverter settings

Isolated Input/Output design for max. safety operation



Item-No. 10120209



Product Features

The 3000VA Pure Sine Wave Inverter/Charger system adopts superior features and is designed with the highest standards in the industry. The high frequency structure reduces the size and achieves the highest power density in the market. Comprehensive LCD display provides system status, and user-friendly panel eases program settings. Designed for diverse applications, this 3000VA Inverter promises to fulfil the demands from any home or SMB to heavy-duty industrial environment.

- Pure Sine Wave for wide range of applications and harsh environment
- High-frequency switching technology for compact size and light weight
- Isolated Input/Output design for the maximum operation safety
- Built-in 20A super charger
- High efficient (>90%) DC-to-AC conversion minimizing energy loss
- Low power "Power Saving Mode" to conserve energy for less than 10W
- High power density design (up to 385W/dm³)
- LCD display for status view and Inverter settings
- Multiple protection: Input low voltage, Input over voltage, Overload, Low battery alarm, Short circuit, Over temperature
- Supporting Home Appliances, SMB, Office Equipments, Lightning Equipments Moto-Based Equipments (such as Fan, Air-Conditioner, Washing Machines)
- Fulfil the demands of heavy-duty industrial environment.



Backsite view



LCD Display, buttons

Technical Details

Product Features

Capacity	3000VA / 2400W
Capacity	
Surge Capacity	6000VA
Motor load capacity	1.5HP
Input	
Voltage	220/230/240VAC
Voltage Range	170-280VAC (Narrow Range) 90-280VAC (Wide Range)
Output	
Voltage	230VAC
Voltage Regulation (Battery Mode)	10 %
Frequency	50 or 60Hz
Freq. Regulation (Battery Mode)	± 0.1 Hz
Waveform	Pure Sine Wave
Transfer Time	
Typical	10ms (Input Setting NOR)
Efficiency	
AC to AC (Bypass)	>95%
DC to AC (Inverter)	>90%
Charger	
Charger algorithm	Three stage profile (CC/CV/Floating) CC=Constant Current CV=Constant Voltage
Charger current	20A ± 2A
DC Voltage	24V
Overcharge Protection	30V
Battery	
Type	24V
Recharge Time	Depends on connected battery
Optional	Inverter is supplied without battery
LCD Display	
User Friendly LCD Display	Yes
Full Protection	
Discharge	Yes
Overcharge	Yes
Overload	Yes
Short circuit	Yes

Connections

Outlets	Terminal outlet
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Product Details

Dimensions	294 x 269 x 76 mm
Colour	Black
Weight	4.9 kg
Fan Control	Auto OFF: In line mode when charger off In Inverter mode in saver mode ON: In line mode when charger on In Inverter mode when inverter on
Noise Level	< 60dB
Model Code	Inverter 3000 PSW

Environment

Temperature	0°C – 45°C
Humidity	5 – 95 % RH (non-condensing)

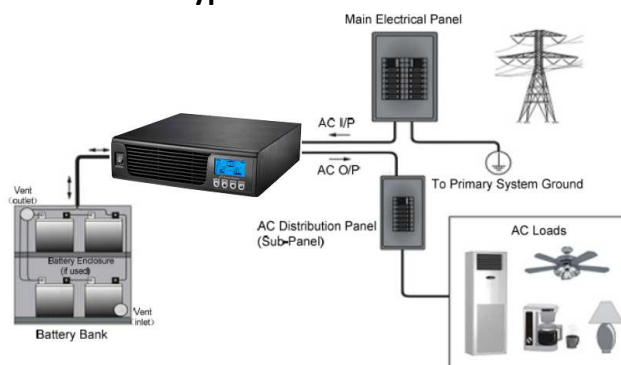
Package Content

Package Content	PowerWalker Inverter 3000 PSW, manual
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Logistic Data

Giftbox Language	EN
Manual Language	EN/DE/FR
Dimension/Giftbox	395 x 340 x 160 mm
Weight/Giftbox	5.88
Pieces/Carton	1
Pieces/Palette	90
Item Number	10120209
EAN	4260074975963
Warranty	24 Month

Typical Installation



Version: EN 03/09/2013

We reserve the right for technical changes and mistakes

Application Examples

Office Equipments

Notebook
Printer
Fax/Copier/Printer/Scanner
Modem/Router
Etc.



Home Entertainment

VCR
DVD Player
74cm TV
30" LCD screen
HiFi 30 Watt Speakers
Cassette/CD/Radio – Portable Radio
Portable Telephone
Etc.



Home Appliances

FAN
Air Conditioner
Filter Coffee Maker
Fridge/Freezer
Microwave
Vacuum Cleaner
Washing Machine
Frying Pan
Electric Oven Grill
Blender
Gate Motor
Garage Motor
Tank Pump
Etc.



Lightning

Lights – Energy Saver
Lights – Standard Bulbs
Lights – Fluorescent Tube
Etc.



Optional Input Power Source can be Generator, Photovoltaic, Wind, Hydro

