

PowerWalker Inverter 2000

Inverter / Charger System

2000VA Inverter

Schuko outlet, Rack/Tower design

Built-in 10A super charger

Off mode charging / High Frequency design

3-steps intelligent charging control to reduce recharging time



Item-No. 10120208



Schuko Outlets

Product Features

The Inverter/Charger system converts DC power to AC power with amazing transfer efficiency. Appliances such as TVs, stereos, notebook computers can be connected for the uninterrupted power. When encountering utility power failure, this series will transfer from "LINE mode" to "Inverter mode" for acquiring the power from battery supply. With the continuous output and compact design, this series is perfect for any home or SMB (small medium business) environment.

- User selectable for accepting wider input voltage range
- Full automatic and silent operation
- Rack/Tower design
- Built-in 10A super charger
- 3-steps intelligent charging control to reduce recharging time
- High Frequency Design
- Off mode charging
- Compact size for convenient use and storage



2-in1 Rack/Tower design



Backside view



LED Display, On/Off button

Technical Details

Product Features

Capacity	2000VA / 1200W
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Input

Voltage	220/230/240VAC
Voltage Range	170-280VAC (Narrow Range) 90-280VAC (Wide Range)

Output

Voltage	230VAC
Voltage Regulation (Battery Mode)	+10 % / -18%
Frequency	50 or 60Hz
Freq. Regulation (Battery Mode)	± 0.5 Hz
Waveform	Modified Sine Wave

Transfer Time

Typical	20ms
Max.	40ms

Charger

Charger algorithm	Three stage profile (CC/CV/Floating) CC=Constant Current CV=Constant Voltage
Charger current	10A ± 1A
DC Voltage	24V
Overcharge Protection	30V ± 0.8V

Battery

Type	24V
Recharge Time	Depends on connected battery
Optional	Inverter is supplied without battery

LED Display Indicators

AC Mode	Green lightning
Battery Mode	Yellow lightning
Bat. Charging Mode	Green flashing every 2 second
Overload	Red flashing every 0.5 second
Fault	Red lightning

Audio Indicators

Low Battery	Beep every 2 seconds
Overload	Beep every 0.5 second
Fault	Continuous Beep

Full Protection

Discharge	Yes
Overcharge	Yes
Overload	Yes
Short circuit	Yes

Connections

Outlets	Schuko
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Product Details

Dimensions	224 x 255 x 80 mm
Colour	Black
Weight	2.5 kg
Fan Control	Auto OFF: in LINE mode (if charge current below 3A (±1A)) ON: in battery mode and line mode if charge current above 3A (±1A)
Noise Level	< 50dB
Model Code	Inverter 2000

Environment

Temperature	0°C – 40°C
Humidity	0 – 90 % RH (non-condensing)

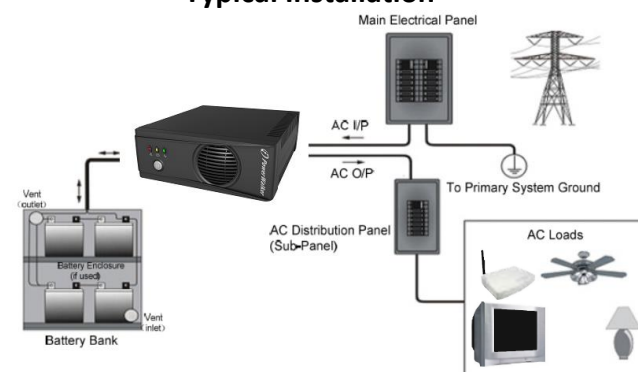
Package Content

Package Content	PowerWalker Inverter 2000, DC cable, Input Power cable, manual
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Logistic Data

Giftbox Language	EN
Manual Language	EN/DE/FR
Dimension/Giftbox	322 x 123 x 266 mm
Weight/Giftbox	3.04
Pieces/Carton	9
Pieces/Palette	189
Item Number	10120208
EAN	4260074975956
Warranty	24 Month

Typical Installation



Version: EN 03/09/2013

We reserve the right for technical changes and mistakes

Application Examples

Home Entertainment

74cm TV
Cassette/CD/Radio – Portable Radio
Etc.



Home Appliances

FAN
Etc.



Office Equipments

Notebook
Modem/Router
Etc.

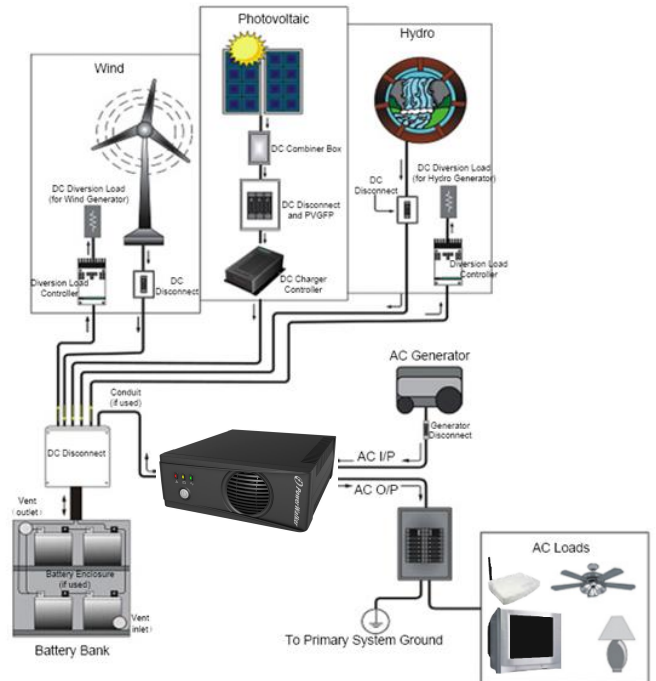


Lighting

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



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



Available accessories

Schuko Input -> IEC C13
Item Nr.: 91010017

UK Input -> IEC C13
Item Nr.: 91010029

Swiss Input -> IEC C13

IEC C13 -> IEC C14
Item Nr.: 91010013