

# PowerWalker Inverter 1000/FR

Inverter / Charger System

1000VA Inverter

French 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. 10120211



French Outlet

## 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	1000VA / 600W
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### Input

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

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

Typical	20ms
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Max.	40ms
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### Charger

Charger algorithm	Three stage profile (CC/CV/Floating) CC=Constant Current CV=Constant Voltage
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Charger current	10A ± 1A
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DC Voltage	12V
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Overcharge Protection	16V ± 0.4V
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### Battery

Type	12V
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Recharge Time	Depends on connected battery
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Optional	Inverter is supplied without battery
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### LED Display Indicators

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

Low Battery	Beep every 2 seconds
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Overload	Beep every 0.5 second
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Fault	Continuous Beep
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### Full Protection

Discharge	Yes
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Overcharge	Yes
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Overload	Yes
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Short circuit	Yes
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### Connections

Outlets	French
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### Product Details

Dimensions	224 x 255 x 80 mm
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Colour	Black
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Weight	2.3 kg
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Fan Control	<b>Auto</b> <b>OFF:</b> in LINE mode (if charge current below 3A (±1A)) <b>ON:</b> in battery mode and line mode if charge current above 3A (±1A)
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Noise Level	< 50dB
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Model Code	Inverter 1000/FR
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### Environment

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

Package Content	PowerWalker Inverter 1000/FR, DC cable, Input Power cable, manual
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### Logistic Data

Giftbox Language	EN
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Manual Language	EN/DE/FR
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Dimension/Giftbox	322 x 123 x 266 mm
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Weight/Giftbox	2.76
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Pieces/Carton	9
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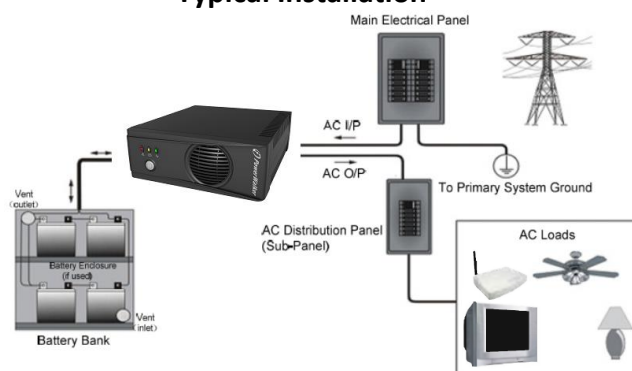
Pieces/Palette	189
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Item Number	10120211
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EAN	4260074976076
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Warranty	24 Month
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### Typical Installation



Version: EN 25/11/2013

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.



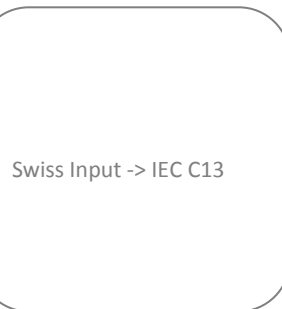
## Available accessories



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

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

