

# PowerWalker Inverter 700 PSW

Inverter / Charger System

700VA Inverter with Pure Sine Wave

High Performance Long Backup Power Solution

Selectable 10A or 15A charging current

LCD display for status view and Inverter settings

Wide and selectable input voltage range



Item-No. 10120214



Schuko Outlets

Pure Sine Wave

LCD Display

Generator support

## Product Features

The PowerWalker Inverter 700 PSW is a Pure Sine Wave Inverter/Charger system offers selectable high charging current for batteries of 100-150Ah (recommended), which will support your load for a long time. Comprehensive LCD display provides system status. Device offers two working modes with narrow input voltage range, suitable for personal computers and other fragile equipment and wide input range that can sufficiently support home appliances.

- Pure Sine Wave for wide range of applications and harsh environment
- Selectable 10A or 15A charging current
- High efficient DC-to-AC conversion minimizing energy loss
- LCD display for status view
- Overload and Short-circuit protection
- Supporting Home Appliances, SMB, Office Equipment, Lightning Equipments Moto-Based Equipment (such as Fan, Air-Conditioner, Washing Machines)
- Fulfil the demands of industrial environment.



Backside view



LCD Display

## Technical Details

### Product Features

<b>Capacity</b>	700VA / 500W
<b>Surge Capacity</b>	1400VA
<b>Input</b>	
<b>Voltage</b>	230VAC
<b>Voltage Range</b>	170-280VAC (Narrow Range) 90-280VAC (Wide Range)
<b>Frequency Range</b>	50/60Hz (Auto sensing)
<b>Output</b>	
<b>Voltage</b>	230VAC
<b>Voltage Regulation (Battery Mode)</b>	5 %
<b>Frequency</b>	50 or 60Hz
<b>Waveform</b>	Pure Sine Wave
<b>Efficiency (peak)</b>	90%
<b>Transfer Time</b>	
<b>Typical</b>	10ms (In narrow range) 20ms (In wide range)
<b>Charger</b>	
<b>Charger current</b>	10A or 15A (selectable)
<b>Recommended Battery Capacity</b>	100 – 150 Ah
<b>DC Voltage</b>	12V
<b>Floating Charge Voltage</b>	13.5V
<b>Low Battery Alarm Voltage</b>	11.5V
<b>Shutdown Voltage</b>	10.5V
<b>Overcharge Protection</b>	15V
<b>Protection</b>	
<b>Overload</b>	Yes
<b>Short circuit</b>	Yes

### Connections

<b>Outlets</b>	Schuko outlet
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### Product Details

<b>Dimensions</b>	289 x 290 x 127 mm
<b>Colour</b>	Black
<b>Weight</b>	4.5 kg
<b>Model Code</b>	Inverter 700 PSW

### Environment

<b>Temperature</b>	0°C – 50°C
<b>Humidity</b>	0 – 90 % RH (non-condensing)

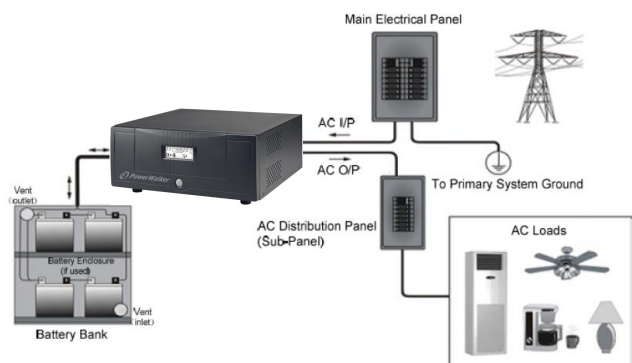
### Package Content

<b>Package Content</b>	PowerWalker Inverter 700 PSW, manual
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### Logistic Data

<b>Giftbox Language</b>	EN
<b>Manual Language</b>	EN
<b>Dimension/Giftbox</b>	405 x 375 x 220 mm
<b>Weight/Giftbox</b>	
<b>Pieces/Carton</b>	1
<b>Pieces/Palette</b>	54
<b>Item Number</b>	10120214
<b>EAN</b>	4260074977226
<b>Warranty</b>	24 Month

## Typical Installation



Version: EN 06/02/2015

We reserve the right for technical changes and mistakes