

# 1000W Solar Generator



## HOW TO USE

This 1000W Solar Generator works straight from the box, no set up is required.

To use the 1000W Solar Generator, complete the following steps:

1. Charge your Solar Generator; either via solar panel or the AC/DC wall charger
2. Plug in your appliance into:
  - a. USB port, and turn on the power button
  - b. The car plug (this works straight away, no need to have activate any buttons)
  - c. The main plug, turn on the 100/220V button

## GENERAL SPECIFICATIONS

<b>Model Type :</b>	SOL-SG-1000
<b>Weight:</b>	19.7 kg
<b>Dimensions:</b>	200 x 270 x 230mm (L x H x D)
<b>Warranty:</b>	12 months
<b>Certifications:</b>	CE Low voltage directive: 2006/95/EC Operating Usage Temp: 0°C to 45°C (32°F to 113°F)

## CHARGING TIME

<b>AC/DC Wall Charger:</b>	6 hours
<b>100W Panel (24V):</b>	10-13 hours
<b>Shelf Life:</b>	Charge every 12 months

## INTERNAL

<b>Battery Type:</b>	LiFePO4
<b>Battery Capacity:</b>	1080Wh (29V, 40Ah)
<b>Life-span:</b>	After 2,000+ cycles, up to 85% performance (cycle = charge and discharge)

## WHAT TO RUN

With 1,000W of power and a Pure Sine Wave, the 1000W Solar Generator is capable of running every product up to 1,000W. Examples include:

- Television, DVD players and speakers
- All types of lighting
- Air conditioner / electric heating up to 1,000W
- Fridges and freezers
- Cell phones, laptops, computers, cameras and MP3 players
- Fans, kettles, toaster and more

## INPUTS

Charging port (DC IN): Solar panel (24V) and AC/DC wall charger (29V, 8A)

Max Power: 300W  
Min-Max Voltage: 28V to 34V  
Max Current: 10A

## OUTPUTS

Main Socket: 1,000W Pure Sine Wave  
Customised: 2 x 110V or 220V depending on market needs  
USB Standard Port: 4 x 5.0V, 2A (10W)  
Car Adaptor: 12V, 15A