



POWER INVERTER/UPS SYSTEM WITH BUILT-IN SOLAR CAPABILITY – 800W, 12V

PRODUCT CODE - STROL-ICS-1B-8
 BARCODE - 0781159617126

Overview

The Invest Solar Power Inverter/UPS is an electronic product designed and built to take low DC (Direct Current) voltage power from batteries, with the option of solar too, and convert it to standard AC (Alternating Current) power.

Features and Benefits

- Provides backup power in the event of power outages.
- Automatically transfers to battery power when needed.
- Electronics remain on when switching over to batteries.
- AGM solar battery.
- Built-in solar charger.
- Can be used off grid (with no mains connection).
- Intelligent battery charger.
- Unit is on wheels for easy moving.
- Multiple protections, such as:
 - Notifications for low battery and overload.
 - Low-battery disconnect function.

Packaging Contents

- 1 x 800W/1000VA Power inverter with built-in solar capability.
- 1 x 12V AGM maintenance free battery.
- 1 x Steel movable trolley on wheels.
- 1 x User manual.

Weight and Dimensions

- Width - 250 mm
- Height - 410 mm
- Depth - 400 mm
- Weight - 33.2 kg



STROL-ICS-1B-8	Power Inverter/UPS System with built-in Solar Capability - 800W, 12V
Output Power	1000VA/800W
AC Output	230V AC
Output Waveform	Modified Sine Wave
Battery Voltage Nominal	12V DC
Operating Temperature	0 – 50°C
Transfer time	Typical 15 – 20ms, 40ms max
Maximum Solar Input Power	900W
Protection	Low battery alarm, low battery shutdown, overcharge, overload, over-temperature, short-circuit

Warranty

1 year warranty for the inverter and movable trolley.

Usage and Cautions

- Leave plugged in and switched on at the mains continuously to ensure the batteries are full for use.
- Batteries may expel explosive gases, which can be ignited by sparks from electrical connections.
- Indoor use only.
- DO NOT:
 - Turn upside down.
 - Obstruct ventilation openings.