

# 1.6 kW Solar Inverter



JH-1600E

DESIGNED FOR  
HIGH RELIABILITY

## MAIN FEATURES:

- 1600W AC HF transformer Inverter
- High efficiency: Peak 95%
- Wide DC voltage range: 60VDC to 350Vdc
- MPPT: 60vdc to 320vdc
- Wireless Remote Monitoring (available)
- Easy to see large LED display
- High reliability aluminum body with IP65 sealed circuit.
- AS4777 compliant inverter
- Aesthetics: Cool silver aluminum body
- Easy to install: Wall mount bracket and screws are included
- 5 Year Warranty
- CEC approved

**Custom Designed  
Aluminium Housing**



**Large LED Display**



# JH-1600E – 1.6kW SOLAR INVERTER

## SPECIFICATIONS

Maximum output power	1600 W
Maximum conversion efficiency	95%
Maximum input voltage (DC)	350V
Input voltage range (DC)	60 - 320V
Nominal output voltage	230 VAC / 50Hz
Maximum operating current (DC)	8.5A
Nominal continuous output current	7A
Maximum continuous output current	7.6A
Output over-current protection	10A
Total Current Harmonic Distortion	<5%
Power Factor	>0.99
Utility monitoring – islanding protection	In accordance with AS4777
Galvanically isolated inverter (High frequency transformer)	
Operating temperature range	-20° ~ 60° (De-rating at 40 ~ 60°)
Storage temperature range	-20° ~ 60°
Audible noise	<29dB-A (1m forward front panel)
Outdoor/Indoor Application	Main body IP65 Wiring box IP55
Dimensions - without wall mount (H x W x D / mm)	440 x 348 x 141 mm

In the absence of confirmation by device specifications sheets, Sharp takes no responsibility for any defects that may occur in equipment using any Sharp devices shown in catalogues, data books, etc. Contact Sharp in order to obtain the latest device specification sheets before using any Sharp device.

**SHARP**

Sharp Corporation of Australia  
1 Huntingwood Drive, Huntingwood, NSW 2148.  
Phone: (02) 9830 4600 E-mail: sales@sharp.net.au  
www.sharp.net.au

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