

## SH-1500

PSS 1500VA 1200W 24V Pure Sine wave UPS/Inverter with charger, No batteries included

### Product Overview

PSS 1500VA 1200W 24V Pure Sine wave UPS/Inverter, Input Voltage 24VDC, Output Voltage 230VAC, Built in battery charger 10/20 Amp, 10ms transfer time, No batteries included (requires BP-02102 battery kit)



| MODEL                         | SH 600                                                                                                                                                            | SH 800          | SH 1000          | SH 1500         | SH 2000         | SH 3000         | SH 4000               | SH 5000         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------------|-----------------|
| CAPACITY (VA)                 | 600VA/480W                                                                                                                                                        | 800VA/640W      | 1000VA/800W      | 1500VA/1200W    | 2000VA/1600W    | 3000VA/2400W    | 4000VA/3200W          | 5000VA/4000W    |
| PHASE                         | single phase                                                                                                                                                      |                 |                  |                 |                 |                 |                       |                 |
| VOLTAGE RANGE                 | 120-300VAC - Inverter mode / 145-285VAC (UPS mode)                                                                                                                |                 |                  |                 |                 |                 | 185-240VAC (UPS mode) |                 |
| FREQUENCY                     | 50Hz                                                                                                                                                              |                 |                  |                 |                 |                 |                       |                 |
| CHARGE CURRENT MODE           | 10A / 20A                                                                                                                                                         |                 |                  |                 |                 |                 |                       |                 |
| VOLTAGE - INVERTER MODE       | 160-260VAC - Inverter mode / 190-260VAC (UPS mode)                                                                                                                |                 |                  |                 |                 |                 |                       |                 |
| VOLTAGE - BATTERY MODE        | 220VAC $\pm$ 10%                                                                                                                                                  |                 |                  |                 |                 |                 |                       |                 |
| WAVEFORM                      | AC mode: sine wave; battery mode                                                                                                                                  |                 |                  |                 |                 |                 |                       |                 |
| FREQUENCY                     | 50Hz $\pm$ 1Hz                                                                                                                                                    |                 |                  |                 |                 |                 |                       |                 |
| TRANSFER TIME                 | 10ms                                                                                                                                                              |                 |                  |                 |                 |                 |                       |                 |
| OVERLOAD PROTECTION: 100-120% | After 3 min, shutdown - Automatic restart after 30 sec.                                                                                                           |                 |                  |                 |                 |                 |                       |                 |
| OVERLOAD PROTECTION: 120-130% | After 30 sec, shutdown - Automatic restart after 30 sec.                                                                                                          |                 |                  |                 |                 |                 |                       |                 |
| INDICATOR                     | fan                                                                                                                                                               |                 |                  |                 |                 |                 |                       |                 |
| BATTERY                       | 12V                                                                                                                                                               |                 |                  |                 |                 |                 |                       |                 |
| RATING BATTERY VOLTAGE        | 12V                                                                                                                                                               |                 | 24V              |                 | 48V             |                 |                       |                 |
| CHARGE VOLTAGE                | 13.8V $\pm$ 0.3V                                                                                                                                                  |                 | 27.6V $\pm$ 0.5V |                 | 55.2V $\pm$ 1V  |                 |                       |                 |
| CHARGE CURRENT                | 10A / 20A                                                                                                                                                         |                 |                  |                 | 20A / 40A       |                 |                       |                 |
| EXTERNAL INTERFACE            | RED (battery anode)<br>BLACK (battery cathode)                                                                                                                    |                 |                  |                 |                 |                 |                       |                 |
| INDICATION                    | utility indication LED on, no beep<br>battery charge indication LED on, no beep<br>battery full indication LED on, no beep<br>battery low indication LED on, beep |                 |                  |                 |                 |                 |                       |                 |
| AC MODE                       | utility indication LED on, no beep                                                                                                                                |                 |                  |                 |                 |                 |                       |                 |
| CHARGING BATTERY              | battery charge indication LED on, no beep                                                                                                                         |                 |                  |                 |                 |                 |                       |                 |
| BATTERY MODE                  | battery full indication LED on, no beep                                                                                                                           |                 |                  |                 |                 |                 |                       |                 |
| BATTERY LOW                   | battery low indication LED on, beep                                                                                                                               |                 |                  |                 |                 |                 |                       |                 |
| NOISE                         | 40dB (1m)                                                                                                                                                         |                 |                  |                 |                 |                 |                       |                 |
| AUDIBLE NOISE AT 1M           | 0-40°C                                                                                                                                                            |                 |                  |                 |                 |                 |                       |                 |
| TEMPERATURE                   | 20 - 95% (non-condensing)                                                                                                                                         |                 |                  |                 |                 |                 |                       |                 |
| HUMIDITY                      |                                                                                                                                                                   |                 |                  |                 |                 |                 |                       |                 |
| NET/GROSS WEIGHT kg           | 10.7 / 11.8                                                                                                                                                       | 13.4 / 14.7     | 13.9 / 15        | 17.6 / 18.7     | 26 / 27         | 38 / 39         | 48 / 50               | 48 / 50         |
| UNIT DIMENSIONS (W-D-H) mm    | 256 x 280 x 166                                                                                                                                                   | 256 x 300 x 166 | 256 x 300 x 166  | 345 x 410 x 255 | 345 x 410 x 255 | 345 x 410 x 255 | 345 x 410 x 255       | 345 x 410 x 255 |
| PACKAGE DIMENSIONS (W-D-H) mm | 345 x 370 x 255                                                                                                                                                   | 345 x 370 x 255 | 345 x 370 x 255  | 345 x 410 x 255 | 345 x 410 x 255 | 345 x 410 x 255 | 345 x 410 x 255       | 345 x 410 x 255 |

### Specifications

#### Overview:

#### INTRODUCTION

The SH series is the ultimate sine wave inverter for houses, offices, security, factories and recreational use. These units can be used for anything within its specifications. Pure sine wave output makes this unit a must have for equipment where power outages range from 2 - 12 hours.

#### APPLICATION

PC's, TV's, Fans, Electric Drills, Refrigerators, Recorders, Water Machines, Lighting, Switchboards, Servers and other Home Appliances and Office Equipment

#### Features:

- Intelligent long run model
- Fully digitized microprocessor controlled
- Wide input voltage window
- Energy saving function with UPS green mode
- Short circuit and overload protection
- Cold start
- Intelligent battery management
- Compatible with generators
- High inrush capabilities
- Bypass output

#### Specifications:

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### Product Specification Sheet

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#### Specifications

|                |                            |
|----------------|----------------------------|
| Product Code   | SH-1500                    |
| Technology     | Sine wave DC - AC Inverter |
| Size           | 1500VA                     |
| Input Voltage  | 24VDC                      |
| Output Voltage | 230VAC                     |
| Charger        | Yes                        |

#### Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:**

<https://www.comx-computers.co.za/SH-1500-PSS-1500VA-1200W-24V-Pure-Sine-wave-UPS-Inverter-Buy-p-170930.php>

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