



POWERHOUSE DISTRIBUTIONS

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SUPER HOME UPS

Super Home UPS is an All-In-One user friendly UPS, easy to handle, suitable and compatible for almost all Home/Office applications (Linear and non-linear loads including Air Conditioners!).

Being a line interactive UPS, it can produce clean and perfect **PURE SINEWAVES**, by providing the best power quality for all your electric equipment.

The traditional UPS supplies power only for a limited few minutes, the Super Home UPS can function as a high efficient **GENERATOR**! With an Auto Transfer Switch, it can easily handle any critical power failure situations.

Also, the SH Series has a powerful charger that can supply a capacity over 500 Ah, it can adapt itself and charge without any damage to any type of battery. Its Solar Power Server allows the UPS to work with solar panels to supplement the built in battery charger of the UPS.

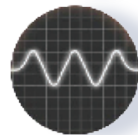
SH Series: an ecologic solution for homes and offices!



powerful charger



Auto transfer switch



Pure sinewave



sinewave inverter



solar power server

Feature:

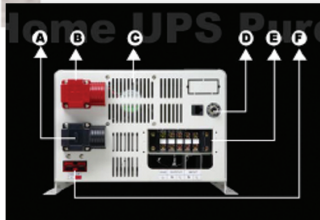
| | |
|---|--|
| ✓ | Multiple microprocessor design base |
| ✓ | Compatible with linear and non-linear load |
| ✓ | Stronger charger to support batteries 500AH and up |
| ✓ | 24 hours operation on the inverter |
| ✓ | Parameter presentable |
| ✓ | DC start and automatic self-diagnostic function |
| ✓ | THD less than 3% |
| ✓ | High efficiency design to save electricity |
| ✓ | Low heat dissipation in long time operation |
| ✓ | Designed to operate under harsh environment |
| ✓ | LCD Panel Control |
| ✓ | Controllable & Removable panel with LCD |
| ✓ | Wall Mounted Design or 19" Rack |



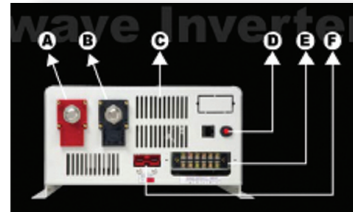
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Specification of Super Home UPS



- A Positive DC connector
- B Negative DC connector
- C Cooling Fan
- D AC Output Fuse
- E AC Output Terminal Block
- F Solar Panel Input



| Model | | | SH-1200 | SH-2400 | SH-3600 | SH-6600S | SH-10000S | SH-13000S | |
|--|--|--|---------------------------|--------------|--------------|--------------|-------------|---|---------------|
| Capacity | | VA/Watt | 1.2KVA/800W | 2.4KVA/1600W | 3.6KVA/2400W | 6.6KVA/4000W | 10KVA/6000W | 13KVA/8000W | |
| Input | Normal Voltage | | 220Vac / 110Vac | | | | | | 220Vac |
| | | Acceptable Voltage | 120-275Vac / 60-135Vac | | | | | | 120Vac-275Vac |
| | | Frequency | 50Hz / 60Hz (45Hz- 70Hz) | | | | | | |
| | Voltage Range | Line Low Transfer | 120Vac +-2% /60VAC +- 2% | | | | | | 120Vac+-2% |
| | | Line Low Return | 130Vac +-2% /65Vac +-2% | | | | | | 130Vac+-2% |
| | | Line High Transfer | 275Vac +-2% / 135Vac +-2% | | | | | | 275Vac+-2% |
| | | Line High Return | 260Vac+-2% / 130Vac +-2% | | | | | | 260Vac+-2% |
| Output | Voltage | 220Vac (230V or 240 Vac re-settable via LCD panel); 110Vac (115V or 120Vac re-settable via LCD panel) | | | | | | 230Vac (220V or 240Vac re-settable via LCD panel) | |
| | Voltage Regulation (Batt Mode) | <3% RMS for entire battery voltage range | | | | | | | |
| | Frequency | 50Hz or 60 Hz | | | | | | | |
| | Frequency Regulation (Batt Mode) | +-0.1 Hz | | | | | | | |
| | Power Factor | 0.67 | | | 0.6 | | 0.62 | | |
| | Waveform | Pure Sinewave | | | | | | | |
| Transfer Time | Typical | < 8ms | | | | | | | |
| Battery | Battery Voltage | 12Vdc | 24Vdc | | | 48Vdc | | | |
| | Backup Time (at full load) | Long time available | | | | | | | |
| | Max Charging Current (3 steps selectable) | >40A | >50A | | | >60A | | | |
| Solar Power | Solar Power Server 50A (Option) | Optional* | | | Standard | | | | |
| Display LCD | LCD Extended LCD Remote Control (optional) | UPS status,I/P &O/P Voltage Frequency, Load%, Battery Voltage & %, Temperature, Model | | | | | | | |
| | LED | Normal (Green), Warning (Yellow), Fault (Red) | | | | | | | |
| Audible Alarm | Battery Mode | Beeping every 4 seconds | | | | | | | |
| | Low Battery | Beeping every second | | | | | | | |
| | UPS Fault | Beeping Continuously | | | | | | | |
| | Overload | Beeping twice per second. UPS will shutdown automatically in 30 seconds if overload is over 105~ 150% and up to 150 % will shutdown immediately. | | | | | | | |
| | Operation Temperature | 0-40 degree C; 32-104 degree F | | | | | | | |
| Environ-ment | Relative Humidity | 0-95% non-condensing | | | | | | | |
| | Audible Noise | Less than 55dBA (at 1M) | | | | | | | |
| Physical | Net Weight (Kgs) | 14 | 21 | 23 | 49.2 | 51.4 | 53.6 | | |
| | Dimension (WxHxD)mm Rack Mount | 440*132*290 | 440*132*360 | 440*132*360 | N/A | N/A | N/A | | |
| | Wall Mounted(W*H*D)mm | 298*400*150 | 298*450*190 | 298*450*190 | 415*600*260 | 415*600*260 | 415*600*260 | | |
| * Add “S” to the part number for the solar server option | | | | | | | | | |

* Add "S" to the part number for the solar server option

Different specifications required are available
All specifications mentioned above are subject to change without prior notice.