

SST Series AVR Inverter 500-6000W

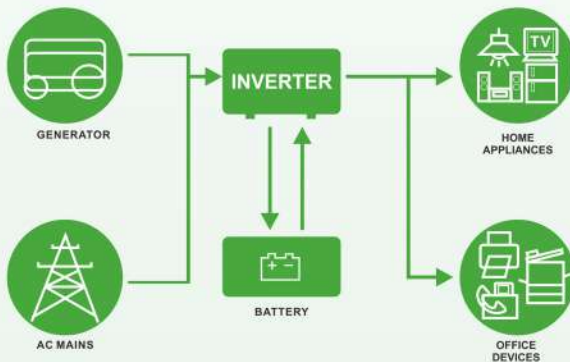


GW with Integrated AVR technology can provide continuous and pure power for the unstable power supply. the ereas inverter is suitable for any home appliance such as home theater, DVD player and power tools, etc.

Features:

- ◆ AC mode AVR function.
- ◆ Output voltage, frequency and charging current can be adjusted via LCD display.
- ◆ Pure sine wave output, available for sensitive load.
- ◆ 3-step progressive charging, 7 battery type selector.
- ◆ Accept generator's energy output.
- ◆ High power factor.
- ◆ Automatically transfer between battery and line modes.
- ◆ Bypass without battery connected.
- ◆ RS232 communication port.
- ◆ Protection of over load, over temperature, over charging, low battery.

Application:



Home



Office



Farm



Industrial



sinewave output



LCD/LED display



96% Efficiency (ECO Mode)



AVR Pure Sine Wave

Specifications

Pure Sine Wave charger Inverter

| Model | SST1000 | SST2000 | SST2500 | SST3000 | SST4000 | SST5000 | SST6000 |
|-------------------------------|---|---------|---------|---------|---------|---------|---------|
| Power Rating | 1000W | 2000W | 2500W | 3000W | 4000W | 5000W | 6000W |
| AC Input | Input Voltage Waveform Sinusoidal (utility or generator) Nominal input Voltage 120/230VAC Input Voltage Range 70Vac-150Vac for 120Vac, 165Vac-270Vac for 230Vac Low Line Disconnect 70Vac±4% for 120Vac, 165Vac±4% for 230Vac Low Line Re-connect 80Vac±4% for 120Vac, 175Vac±4% for 230Vac High Line Disconnect 136Vac±4% for 120Vac, 263Vac±4% for 230Vac High Line Re-connect 131Vac±4% for 120Vac, 253Vac±4% for 230Vac AC Low AVR Disconnect 93Vac±4% for 120Vac, 184Vac±4% for 230Vac Max AC input Voltage 120Vac for Max150Vac, 230Vac for Max270Vac Frequency 50Hz:41-54Hz, 60Hz:51-64Hz | | | | | | |
| AC Output | Output Voltage Waveform Sine wave Power Factor 0.9~1.0 Nominal Output Voltage (V) LV:120Vac ±10%rms/HV:230Vac ±10%rms Nominal Output Frequency (Hz) 60Hz ± 0.3Hz, 50Hz ± 0.3Hz Transfer Time 10.ms(max) | | | | | | |
| AC Charger | Nominal Charge Current 20A/35A/50A/70A/90A(adjustable 5 stages charging current) Over charge Protection Bat.V≥15.5VDC for 12V battery 、 Bat.V≥31.0VDC for 24V battery Bat.V≥62.0VDC for 48V battery 、 beeps 0.5s every 1s & fault after 60s" Three-stage charging Three stage:Boost cc (constant curren stage), Boost CV (constant voltage stage), float (conatant voltage stage) | | | | | | |
| System Parameter | Over-Load Protection 110%<load<150%, beeps 0.5s every 1s, and Fault after 60s off the output, load>150%, beeps 0.5s every 1s, and Fault after 20s" Output Short Circuit Protection Current limit (Fault after 10s) Surge Rating(10s) 1:3(VA) Power Saver Load≤25W(Enabled on "P/S auto"Setting of Remote control) Protections Low battery,over charging,over load,over temp Indicators LED+LCD Display | | | | | | |
| Battery Voltage | Nominal DC input Voltage 12/24/48VDC 24/48VDC Low Battery Alarm 10.5VDC±0.3VDC for 12VDC, 21VDC±0.6VDC for 24VDC, 42VDC±1.2VDC for 48VDC Low DC input shut-down 10VDC±0.3VDC for 12VDC, 20VDC±0.6VDC for 24VDC, 40VDC±1.2VDC for 48VDC High DC input Alarm & Fault 16VDC±0.3VDC for 12VDC, 32VDC±0.6VDC for 24VDC, 64VDC±1.2VDC for 48VDC High DC input Recovery 15.5VDC±0.3VDC for 12VDC, 31VDC±0.6VDC for 24VDC, 62VDC±1.2VDC for 48VDC | | | | | | |
| Efficiency | Efficiency (Battery Mode) ≥85% Efficiency (Line Mode) >96% | | | | | | |
| General Specifications | Operating Temperature Range 0°C to 40°C Storage Temperature -15°C~60°C Operation humidity 5% to 95%(non-condensing) Audible Noise 60dB max cooling Forced air,variable speed fan Dimension(L*W*H) 475*242*182mm 653*242*185mm Net Weight(kg) 17.1kg 19.3kg 21.0kg 22.5kg 34.5kg 37.6kg 38.8kg | | | | | | |

◆ Product specifications are subject to change without further notice.

