



SS5000 / SS7500 / SS10000 / SS15000 / SS20000 / SS15K33 / SS30K33

* SS5000 / SS7500 / SS10000 / SS15000 / SS20000 / SS15K33 / SS30K33

Features

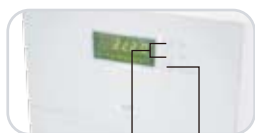
- * Extensive input voltage range (+/- 25%)
- * Excellent output voltage regulation (+/- 1%)
- * Easy-to-read metering
- * Compatible with linear and non-linear loads
- * Overload, high voltage & low voltage protection
- * Compact size, light weight & low noise
- * Linear voltage regulator provides higher reliability
- * Over 95% efficiency means better power savings
- * Pure sinusoidal output using Sinewave Pulse Width Modulation (SPWM)
- * High performance IGBT inverter design for constant voltage protection
- * CPU controlled circuits for functional stability
- * Built-in surge suppressor, EMI & LC filters for added protection

Specifications

| | Model | SS5000 | | SS7500 | | SS10000 | | SS15000 | | SS20000 | SS15K33 | SS30K33 | |
|--------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|------|-------------------------------------------|-------|------------------|-------|------------------------------------------|----------------|--------------|--|
| | | 110V | 220V | 110V | 220V | 110V | 220V | 110V | 220V | 220V | 220V | 220V | |
| Power rating | P.F. = 0.7 | 5000VA / 3500W | | 7500VA / 5250W | | 10000VA / 7000W | | 15000VA / 10500W | | 20000VA / 14000W | 15KVA / 10.5KW | 30KVA / 21KW | |
| Input | Frequency | 50Hz or 60Hz | | | | | | | | | | | |
| | Voltage Phase | 110V, 220V, System 1 Φ 2W | | | | | | | | | | | |
| | Range | 110V : ±15%, 220V : ± 25% | | | | | | | | | | | |
| Output | Voltage | 110V, 220V, System 1 Φ 2W | | | | | | | | | | | |
| | Voltage Regulation | Typical ± 1% | | | | | | | | | | | |
| | Frequency | 50Hz or 60Hz | | | | | | | | | | | |
| | Efficiency | >95% | | | | | | | | | | | |
| Protection | Power Factor | ±0.7 | | | | | | | | | | | |
| | Harmonic Distortion | <3% of T.H.D. at linear load | | | | | | | | | | | |
| | Control Method | SPWM (Sine wave Pulse Width Modulation) | | | | | | | | | | | |
| AVR | Master Control Component | IGBT & MOSFET inside | | | | | | | | | | | |
| | Working Frequency | 20KHz | | | | | | | | | | | |
| Working Conditions | Temperature | 0°C ~ 40°C | | | | | | | | | | | |
| | Relative Humidity | 0% ~ 95%(non condensing) | | | | | | | | | | | |
| | Output Over load | Buzzer alarm (Option: cut off output) | | | | | | | | | | | |
| Protection | Surge Absorbing | Varistor | | | | | | | | | | | |
| | Noise Filter | E.M.I. Filter or LC Filter | | | | | | | | | | | |
| Indication | LCD | Indicate line , bypass , inv , fault , load capacity , I/P voltage , I/P frequency , O/P voltage , O/P frequency , temperature , O/P current | | | | | | | | | | | |
| Maintenance | Maintenance Bypass Switch | Option | | | | | | | | | | | |
| Physical size | W x D x H (mm) | 244 x 392 x 342 (9.6" x 15.4" x 13.5") | | | | 258 x 531 x 546 (10.2" x 20.9" x 21.5") | | | | 258 x 562 x 679 (10.2" x 22.1" x 26.7) | | | |
| | (in) | | | | | | | | | | | | |
| Weight | Net weight (kg) | 26 | 27.5 | 28.5 | 30 | 59 | 64 | 69.5 | 96 | | | | |
| | (lb) | 57.3 | 60.6 | 62.8 | 66 | 130.1 | 141.1 | 153.2 | 211.6 | | | | |

Front Panel

SS5000 / SS7500 / SS10000 / SS15000 / SS20000 / SS15K33 / SS30K33



ON / OFF Select

Rear Panel

SS5000 / SS7500 / SS10000 / SS15000 / SS20000 / SS15K33 / SS30K33



- CB1 Main power switch
- CB2 Total output switch
- CB3 Maintenance bypass switch

