

Inverter Series

Emergency backup for frequent black out areas

IS550 / IS1050 / IS1100LT / IS2200LT / IS3000LT /
IS2000LR / IS2700LR / IS4000LR / IS5000LR /
IS1100NT / IS1700NT / IS2500NT / IS3500NT /
IS1100NR / IS1700NR / IS2500NR / IS3500NR

IS550 / IS1050



* IS550 / IS1050

Features

- * Suitable for high inrush current power supplies
- * Fully digitized microprocessor control
- * LED indicators front panel
- * Short circuit, overload, over charge voltage, over temperature protection
- * Cold Start
- * Up to 8A charging current
- * User selectable Narrow / Wide range input voltage
- * Auto charging when UPS is off
- * Overload shutdown, auto return to normal mode after overload alarm is disabled

Specifications

| Model | | IS550 | IS1050 |
|------------------------------|--------------------------|---|-------------------------------|
| Capacity (VA / W) | | 550VA / 330W | 1050VA / 600W |
| Crest Factor | | 3:1 | |
| INPUT | Voltage | 230 Vac | |
| | Voltage Range (V) | Narrow : 170 - 280 ; Wide : 90 - 280 | |
| | Frequency Range (Hz) | 50 or 60 Hz +/- 10% (auto sensing) | |
| OUTPUT | Voltage (V) | Simulated sine wave at 230 +/-10%(DC MODE) | |
| | | Sine wave follow I/P Voltage (AC MODE) | |
| | Frequency (Hz) | 50Hz or 60Hz +/-0.1Hz | |
| | Wave Form | Simulated sine wave (DC MODE) Sinewave (AC MODE) | |
| EFFICIENCY | AC to AC | > 95 % | |
| | DC to AC | > 80% | |
| TRANSFER TIME | Bypass to Inverter (ms) | 7ms typical | |
| | Inverter to Bypass (ms) | 7ms typical | |
| LINE / INV | AC to DC | Narrow : 264 - 287 | Narrow: 264 - 287 |
| | DC to AC | Narrow 253 - 275 | Narrow : 257 - 272 |
| | AC to DC | Narrow : 163 - 180 | Narrow : 80 - 100 |
| | DC to AC | Narrow : 174 - 194 | Narrow : 86 - 106 |
| LED DISPLAY | Line Mode | Green LED | |
| | Battery Mode | Yellow LED | |
| | Battery Fault / Overload | Red Led (1) | |
| | Over Temp | Red Led (2) | |
| PROTECTION | Overload Protection | Inverter automatic shutdown in case of overload | |
| | Short Circuit Protection | Inverter output is immediately cut off | |
| | Thermal Protection | (1) Fan ON (2) Over Temp. LED ON, 3 min later Inverter cut-off | |
| DC INPUT | Voltage / Load | 12Vdc (10 ~ 14.5 Vdc) | 24 Vdc |
| | Voltage Range | 10 ~ 14.5 Vdc | 20 ~ 29 Vdc |
| CHARGER | Charging Voltage | 13.7 | 27.4 |
| | Charging Current | 8A | 5A |
| | Over Charge Protection | 14.5 | 29 |
| COOLING | | Fan | |
| WEIGHT (NET/GROSS) | Kg(lb) | 1.6 (3.52 lb) / 1.9 (4.18 lb) | 1.8 (3.96 lb) / 2.1 (4.62 lb) |
| DIMENSION (Physical/Packing) | | (in) | |
| L x W x H | | (mm) | |
| | | 4.8x5.4x4.0 / 11.9x4.7x11.3 136x102x123 / 302x120x286 | |
| AUDIBLE NOISE | | <40dBA (1 meter from surface) | |
| ENVIRONMENT | Temperature | 0 °C ~ 40 °C | |
| | Humidity | 0 - 95% humidity (non condensing) | |

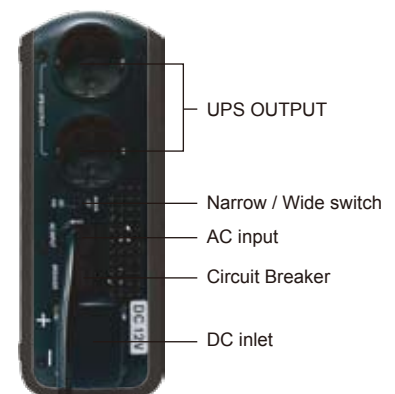
Front Panel

IS550 / IS1050



Rear Panel

IS550 / IS1050



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