

THE EXPERTS' CHOICE

INVEREX 500

Modified Sine Wave Inverter Ideal To Long Backup for Home and Office Appliances



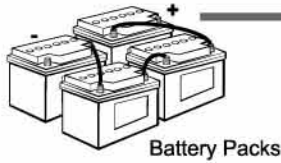
The INVEREX 500 converts DC power into modified sine wave AC power. With a 300-watt continuous output and compact design, the unit is ideal for running TVs, stereos, laptop and desktop computers and other home appliances. INVEREX 500 will automatically transfer to inverter and provide power when AC supply is interrupted unexpectedly.

Product Features:

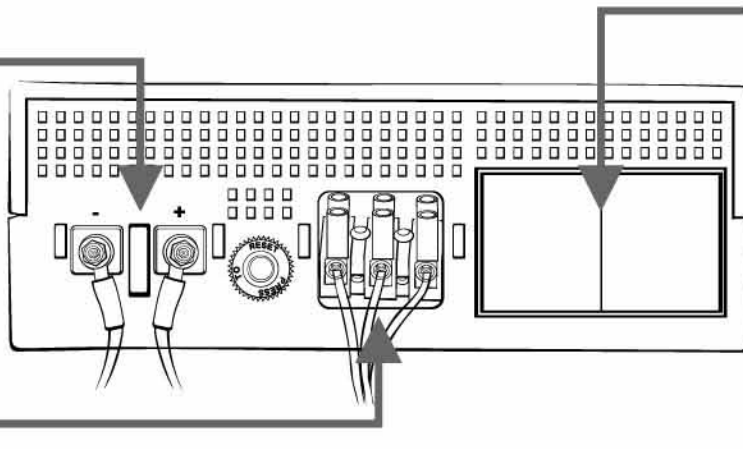
- User selectable for accepting wider input voltage.
- Full automatic and silent operation.
- Rack Tower design.
- High Frequency.
- Off mode charging.
- Available in 5 AC outlet configurations: NEMA, Schuko, French, India, and BS1363.
- Compact size for convenient use and storage.
- Built-in 8Amp super charger for up to 100Ah battery.
- Small scale and cost effective inverter for home appliances and office equipment.



DC Input



AC Input



AC Output

(NEMA, Schuko, French, India, and BS1363)

Home Appliances



Office Equipment



INVEREX SPECIFICATION

| MODEL | | INVEREX 500 |
|-------------------|-----------------------------------|------------------------------------------------------------------------------|
| CAPACITY | VA/W | 500VA/300W |
| INPUT | Nominal Voltage | 110/120VAC or 220/230/240VAC |
| | Voltage Range | 90-145VAC or 170-280VAC (Narrow Range) 50-145VAC / 90-280VAC (Wide Range) |
| OUTPUT | Voltage | 120VAC or 230VAC |
| | Voltage Regulation(Batt. Mode) | +10% / -18% |
| | Frequency | 50Hz or 60Hz |
| | Frequency Regulation (Batt. Mode) | +/- 0.1Hz |
| | Output Waveform | Modified Sinewave |
| BATTERY & CHARGER | Charger Current | 8 Amp +/- 1Amp |
| | Floating Voltage | 13.7V +/- 0.2V |
| | Overcharge Protection | 14.5V +/- 0.3V charger stops and fault |
| TRANSFER TIME | Typical | 8ms |
| EFFICIENCY | DC to AC | >80% |
| INDICATOR | AC Mode | Green lighting |
| | Battery Mode | Yellow lighting |
| | Overload | Red flashing every 0.5 second |
| | Fault | Red lighting |
| AUDIBLE ALARM | Low Battery at Battery Mode | Sounding every 2 seconds |
| | Overload | Sounding every 0.5 second |
| | Fault | Continuously sounding |
| PROTECTION | Full Protection | Discharge, overcharge, and overload protection |
| PHYSICAL | Dimension (DxWxH) mm | 224 X 255 X 80 |
| | Net Weight (kgs) | 1.7 |
| ENVIRONMENT | Operating Environment | 0- 40°C, 0-90 % relative humidity (non-condensing) |
| | Noise Level | Less than 45dB |

* Product specifications are subject to change without further notice.

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