

# INVEREX

**Modified Sine Wave Inverter/Charger System**

**The Desirable Long Backup Power Solution for Home and Office Appliances**



The INVEREX series inverter/charger system converts DC power to AC power with amazing transfer efficiency. With the continuous output and compact design, the INVEREX is excellent for home and office environment. Appliances such as TVs, stereos, desktop or laptop computers and others can be connected to INVEREX for the uninterrupted power.

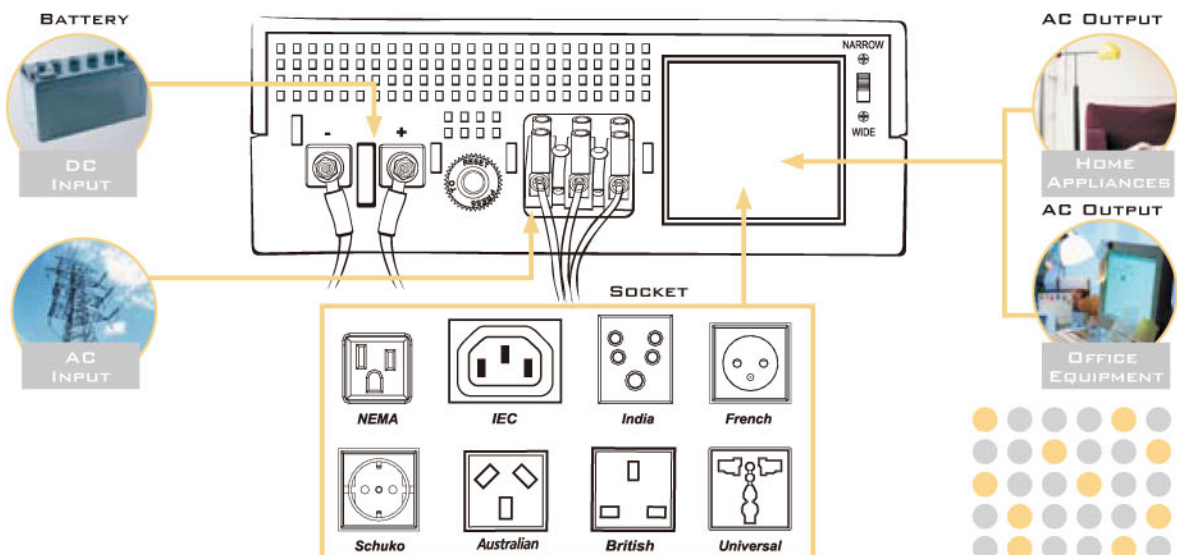
The INVEREX series inverter/charger can transfer between two modes "utility mode" and "inverter mode". When encountering utility power failure, INVEREX will transfer from "utility mode" to "inverter mode" for acquiring the power from battery supply. INVEREX provides the maximized reliability and stability for both your home and office power demands.

- User selectable for accepting wider input voltage
- Full automatic and silent operation
- Rack Tower design
- High Frequency design
- Off mode charging
- Available in five 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
- Two-steps intelligent charging control to reduce the recharging time

## INVEREX SPECIFICATION

MODEL		INVEREX 500-I	INVEREX 1000-I	INVEREX 2000-I	INVEREX 500	INVEREX 1000
<b>CAPACITY</b>	VA/W	500VA/ 300W	1000VA/ 600W	2000VA/ 1200W	500VA/ 300W	1000VA/ 600W
<b>INPUT</b>	Nominal Voltage	110/120VAC or 220/230/240VAC				
	Voltage Range	90-145VAC or 170-280VAC (Narrow Range)				
		50-145VAC or 90-280VAC (Wide Range)				
<b>OUTPUT</b>	Voltage	120VAC or 230VAC				
	Voltage Regulation (Bat. Mode)	10% / -18%				
	Frequency	50Hz or 60Hz				
	Frequency Regulation (Bat. Mode)	+/-0.1 Hz				
	Output Waveform	Modified Sinewave				
<b>BATTERY &amp; CHARGER</b>	Charger Current	10 Amp +/- 1Amp	10 Amp +/- 1Amp	10 Amp +/- 1Amp	8 Amp +/- 1Amp	6 Amp +/- 1Amp
	DC Voltage	12V	12V	24V	12V	24V
	Overcharge Protection	15V		30V	15V	30V
<b>TRANSFER TIME</b>	Typical	15ms Typical, 50ms Max.				
<b>EFFICIENCY</b>	AC to AC	>95%				
	DC to AC	>80%				
<b>INDICATOR</b>	AC Mode	Green lighting				
	Battery Mode	Yellow lighting				
	Battery Charging Mode	Green flashing every 2 second				
	Overload	Red flashing every 0.5 second				
	Fault	Red lighting				
<b>AUDIBLE ALARM</b>	Low Battery at Battery Mode	Sounding every 2 seconds				
	Overload	Sounding every 0.5 second				
	Fault	Continuously sounding				
<b>PROTECTION</b>	Full Protection	Discharge, overcharge, and overload protection				
<b>PHYSICAL</b>	Dimension DxWxH (mm)	224 X 255 X 80				
	Net Weight (kgs)	2.0	2.3	2.5	1.7	1.9
<b>ENVIRONMENT</b>	Operating Environment	0- 40°C, 0-90 % relative humidity (non-condensing)				
	Noise Level	Less than 50dB				

\* Product specifications are subject to change without further notice



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