

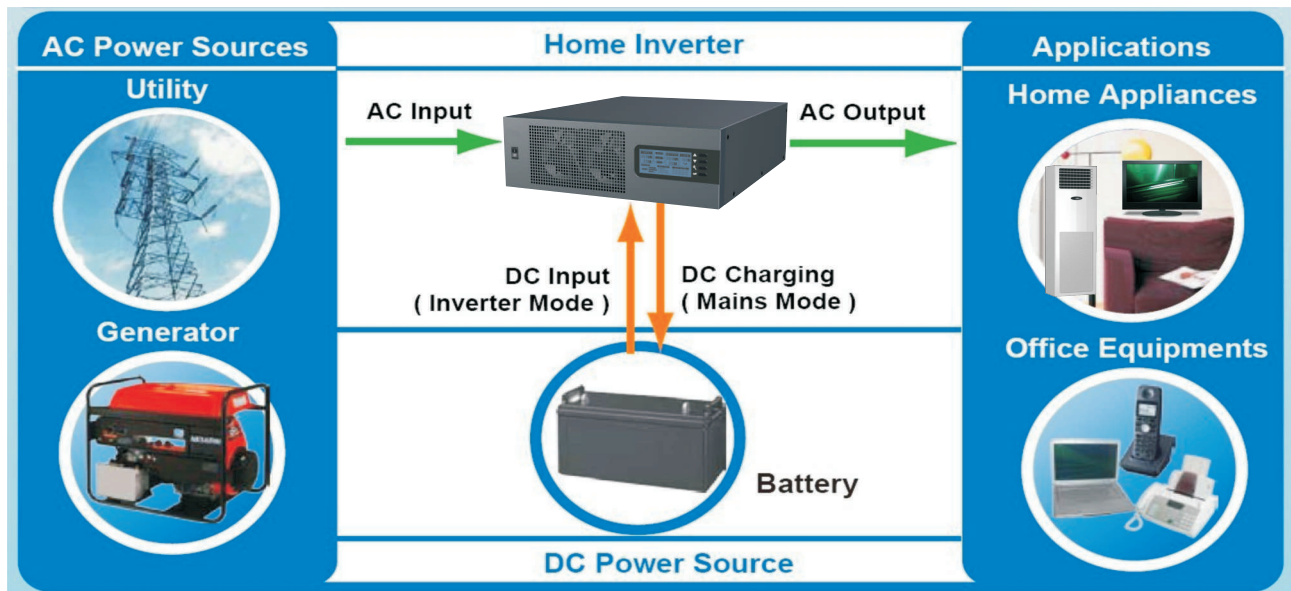
INVEREX S 5KVA

Pure Sine Wave Inverter/Charger System
The High Performance Long Backup Power Solution for Home and Office Appliances



The 5kva INVEREX pure sine wave inverter/charger adopts superior features and is designed with the highest standards in the industry. The high frequency structure reduces the size and achieves the highest power density in the market. Comprehensive LCD display provides system status, and user-friendly panel eases program settings. Designed for diverse applications, 5kva INVEREX promises to fulfill the demands from home to heavy-duty industrial environment.

- High-frequency switching technology for compact size and light weight
- Pure sine wave output for wide range of applications and harsh environment
- High efficient DC-to-AC conversion minimizing energy loss
- High efficiency PFC charger design
- Low power "Power Saving Mode" to conserve energy for less than 10W
- Input/output isolated design for the maximum operation safety
- Intelligent cooling fan control determined by loads
- Comprehensive status LCD indicators
- Configurable of Input Type / Output voltage / Battery type / Charging current / Power saving mode(Green Function)
- Multiple protection for Input low voltage / Overload / Short circuit / Low battery alarm / Input over voltage / Over temperature
- Supporting Home Appliances / Office Equipments / Lighting Equipments / Moto-Based Equipments(Such as Fan, Air-Conditioner,Washing Machines)



INVEREX SPECIFICATION

MODEL	5048E	
CAPACITY	VA/W	5000VA/4200W
	Maximum	10000VA
	Moto Load Capacity	2.5HP
INPUT	Nominal Voltage	230VAC
	Voltage Range	175~280VAC (Normal Range)
		125~280VAC (Generator/Wide range)
OUTPUT	Voltage	220/230/240VAC
	Voltage Regulation(Bat. Mode)	+/-10% rms
	Frequency	50Hz or 60Hz
	Frequency Regulation(Bat. Mode)	+/- 0.1Hz
	Overload Capacity	110~150%: 10s ; >150%: 5s
	Output Waveform	Pure Sine-wave
BATTERY & CHARGER	Charger algorithm	Three stage profile (CC/CV/Floating)
	Battery type setting	Flooded/AGM/GEL
	Charger Current	25Amp (180~280V)
	DC Voltage	48V nominal
	Overcharge Protection	60V
	Charger Power Factor	>0.95
TRANSFER TIME	Typical	10ms Typical
EFFICIENCY	AC to AC (Bypass)	>95%
	DC to AC (Inverter)	>90%
PROTECTION	Full Operation Protection	Discharge, overcharge, overload and over temperature
INDICATOR	LCD Display	User Friendly LCD Display
PHYSICAL	Dimension (DxWxH) mm	407*350*110
	Net Weight	9KG
ENVIRONMENT	Operating Temperature	0-45°C, 5%~95% relative humidity (non-condensing)
	Noise Level	60 dB Max

* Product specifications are subject to change without further notice



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