



P O W E R L O G I C

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KOSS

INVERTER

INVEREX SERIES 750VA ~ 1000VA

- For Office and Multimedia PC's
- Point of Sales Terminal and Home Appliances
- Affordable and Long Backup Time for other Equipment

Line Interactive Inverter

- User Selectable Wide Input Voltage Range
- User Re-settable Circuit Breaker for Input
- High Frequency Inverter Design
- Built-in High AMP Super Charger
- Cold Start Function
- Power Off Mode Charging
- Rack Tower Design Easy Installation
- Fully Automated and Silent Operation
- Overload and Short Circuit Protection
- Built-in Force Air Ventilation Fan



Malaysia



UK



USA



Korea



INVEREX Series
(back view)



Technical Specification

MODELS		INVEREX 750	INVEREX 1000
Power Rating		750VA/300W	1000VA/600W
Input	Nominal	230VAC	
	Range	User Selectable 170-280VAC (Narrow Range), 90-280VAC (Wide Range)	
	Frequency	50Hz or 60Hz (Auto Detection)	
Output	Nominal	230VAC	
	Regulation (Batt. Mode)	+/- 5%	
	Frequency (Batt. Mode)	50/60Hz +/- 0.1Hz	
	Current	3.26A	4.35A
	Waveform	Simulated Sinewave	
	Outlets	1 x Universal	
Battery	Voltage	12VDC	24VDC
	Charger Voltage / Current	13.7V / 8A Max	27.4V / 6A Max
	Overcharging Protection Voltage	14.5V	29.0V
Efficiency	DC to AC	> 90%	
Protection	Surge/Spike	Yes	
	Overload	Yes	
	Short Circuit	Yes	
	Input Main	User Re-settable Circuit Breaker	
Transfer Time		Typically 2 to 4ms	
Display Indicators	LEDs	Indication For Normal Operation, Battery Mode and Faults	
Audible Alarm		For Battery Low, Overload and Faults	
Operating Environment	Temperature	0 to 40°C	
	Humidity	0 - 90% Without Condensation	
	Noise Level	Less Than 45dB at 1 Meter	
Physical	Dimension (DxWxH) mm	224 x 255 x 80	
	Net Weight (Kgs)	1.85	

* Specification subject to change without prior notice.

Estimated Backup Time Configuration

Power Rating	Models	SLA Battery		Estimated Backup Time* for		
		Rating AH	Qty	150W	300W	600W
750VA 300W	Inverex 750VA	12V 26AH	1	1 hr	20 min	-
		12V 40AH	1	1.5 hrs	35 min	-
		12V 65AH	1	3 hrs	1.2 hrs	-
		12V 100AH	1	5.5 hrs	2 hrs	-
		12V 120AH	1	6.5 hrs	2.2 hrs	-
1000VA 600W	Inverex 1000VA	12V 26AH	2	3 hrs	1 hr	30 min
		12V 40AH	2	3.5 hrs	1.5 hr	35 min
		12V 65AH	2	7.2 hrs	3 hrs	1.2 hrs
		12V 100AH	2	13 hrs	5.5 hrs	2 hrs
		12V 120AH	2	15 hrs	6.5 hrs	2.2hrs

* Typical backup time depend on load, environment and battery condition.

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