

FRONT VIEW



The NRG inverter series, featured with fast charging capability, flexible operation mode selection, powerful charging current and universal type socket, is ideal guardian for general electrical appliance and T device where Utility is frequently in blackout or storage.

FEATURES

- **Operation Mode Selectable**
You may simply press the switch on the rear panel to change the mode of operation to UPS or inverter
- **Superior Charging Capability**
With built-in powerful charger, it provides 10A/20A charging current to recharge 100AH/200AH batteries back to 92% in 8-10 hours easily.
- **Rack / Tower Convertible design**
It can be installed both in rack and tower position
- **Compact in size**
Its compact size design saves transportation cost and storage space
- **Off mode charging function & battery management**
The off mode charging function together with automatic monitoring and battery management prevents from battery over-draining
- **Auto-restart function**
It can be automatically re-started when Utility recovers
- **Universal Type Socket Embedded**
The unit embedded Universal Type Sockets may easily adapt into different application requirements. It hence also solves inventory headache

INVERTER Series



SPECIFICATIONS

INPUT	Capacity	2400VA / 1440W
	Voltage	220/230/240Vac
	Voltage Range	170V-280Vac (narrow window) for home appliances 90-280Vac (wide window) for personal computers
	Frequency Range	50/60Hz (auto sensing)
OUTPUT	AC Voltage regulation (Batt.mode)	+/- 10%
	Frequency range (Batt.mode)	50 or 60 Hz +/-1Hz
	Transfer Time	narrow mode (high sensitivity): 8ms typical, 13ms max wide mode (low sensitivity): 20ms max
	Waveform (Batt.mode)	Simulated sinewave
BATTERIES	Battery Voltage	24V
	Maximum Charge Current	10A / 20A
	Typical Recharge Time	Depending on battery capacity connected
INDICATORS	AC Mode	Green LED lighting. Green LED is blinking when battery is not fully charged. So, the UPS will go for boost charge mode in order to recharge the battery back to 90% shortly.
	Battery mode	Yellow LED lighting
	Battery mode	Red LED lighting
PHYSICAL CHARACTERISTICS	Weight	2,8 Kg
	Dimensions (BxTxY) mm	330x227.8x92.5
ALARMS	Battery Low	Sounding every 2 seconds
	Overload	Sounding every 0,5 seconds
	Fault	Sounding continuously
OPERATING ENVIRONMENT	Humidity	0-90% RH @ 0-40C (non condensing)
	Noise level	<40dBA

REAR PANEL



Circuit breaker

Output sockets