

APPLICATION:

PC, Workstation, server bank, industry equipment

IT equipment, communication system or networking equipment

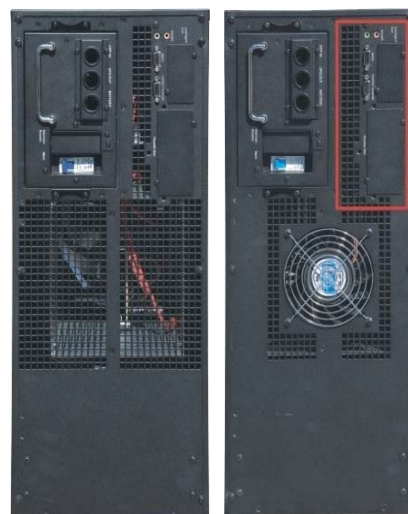
FEATURES

- True On Line Double conversion with DSP control
- Parallel Redundancy *4
- Graphic LCD Display with multifunction parameter settings
- PFC Technology
- Input current harmonic:5%
- Low input current distortion
- Charging/Rectifier/Inverter fully digital control technology
- Economic Operation Mode (ECO)
- Wide voltage range: 120VAC-276VAC
- Wide Input frequency range: 40Hz-70Hz
- Self Testing when UPS startup
- Input over/under voltage protection
- Automatic Bypass
- Cold Start (DC)
- Fault isolation

FRONT VIEW



REAR PANEL



6kVA

10kVA



Parallel module



Centralized monitoring card



Relay Card



SNMP



SPECIFICATIONS

NRG PRO

INPUT	Capacity	6000VA/4800W	10000VA/8000W
	Phase	Single phase & Ground	
	Rated Voltage	220/230Vac	
	Frequency range	40-70Hz	
	Power Factor	≥0,99	
	Bypass Voltage Range	Max voltage:+15%(optional +5%, +10%, +25%) Min voltage:-45% (optional -20%, -30%) Frequency protection range: +/-10%	
	ECO Range	same as the bypass	
	Harmonic Current	≤ 5% (100% non linear load)	
OUTPUT	Phase	Single phase & Ground	
	Rated Voltage	220/230VAC	
	Power Factor	0,8	
	Voltage Percision	+/-2%	
	Output Frequency	(50 +/-0,2%)Hz (Battery mode)	
	Crest Factor	3:1	
	Transfer Time	0ms	
	Overload Capacity	Load ≤ 110%, 60min, ≤ 125%, last 10min, ≤ 150% last 1min, ≥ 150%, shutdown UPS immediately	
	THD	≤ 2%	
	Efficiency	ECO mode ≥ 98%, Normal mode ≥ 90%	
BATTERY	Voltage	+/-96V/ +/-108V/ +/-120V DC	
	Backup Time	Typical 10min	
COMMUNICATION INTERFACE		RS232, Optical coupler dry contact, RS485, SNMP card (optional), Parallel card (optional), Centralized monitoring card	
OPERATIONAL ENVIRONMENT	Temperature	0-40C	
	Humidity	0-95% non condensing	
	Storage Temperature	-25C - 55C	
	Altitude	upto 1500m	
OTHER	Weight	70 Kg	80 Kg
	Dimensions (WxDxH) mm	250x590x655	250x590x655
	Industry Standard	CE, EN/IEC 62040-2, EN/IEC 62040-1-1	