NRG PRO

FEATURES

- Graphic LCD Display with multifunction parameter settings
- Charging/Rectifier/Inverter fully digital control technology
- True On Line Double conversion with DSP control
- Wide Input frequency range: (50Hz:45-55Hz /60Hz:54-66Hz)
- Input current harmonic:<3%
- Low input current distortion
- Economic Operation Mode (ECO)
- Wide voltage range: 120VAC-276VAC
- Self Testing when UPS startup
- Input over/under voltage protection
- PFC Technology
- Parallel Redundancy *4
- Automatic Bypass
- Cold Start (DC)
- Fault isolation

6kVA

10kVA

Parallel module

Centralized monitoring card

Relay Card

SNMP

NRG
PRO
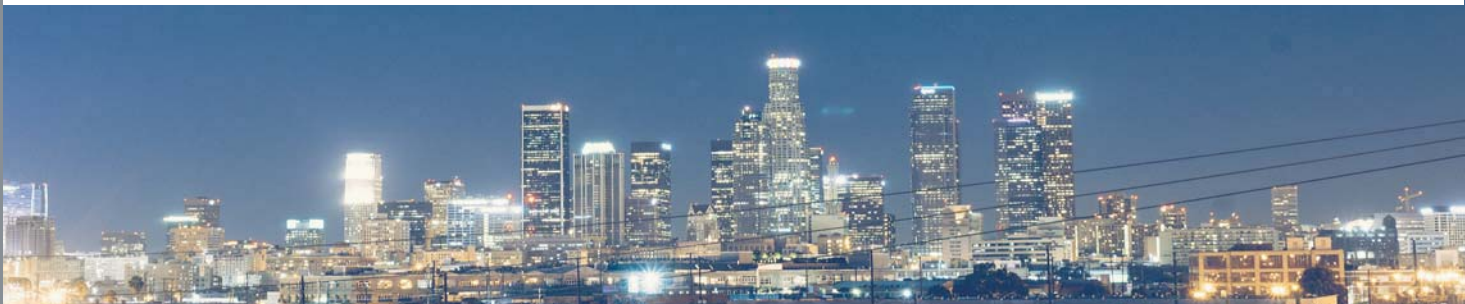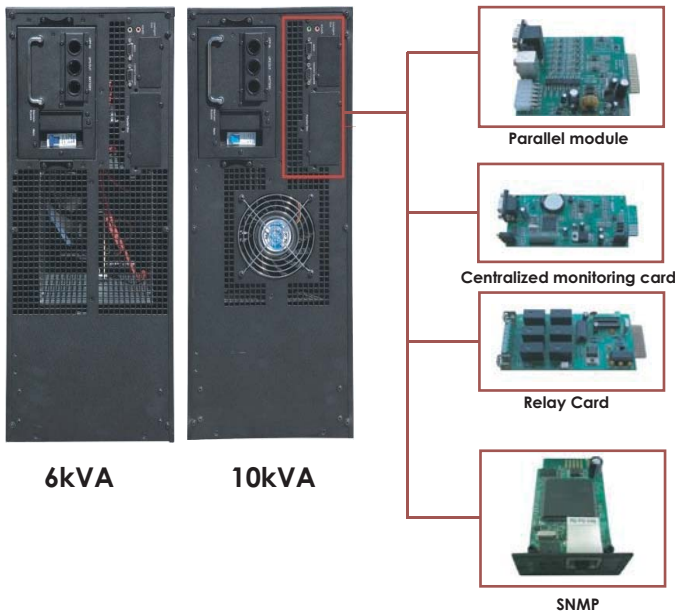
SPECIFICATIONS		NRG PRO	

INPUT	Capacity	6000VA/5400W	10000VA/9000W
	Phase	Single phase & Ground	
	Rated Voltage	220/230/240Vac	
	Frequency range	50Hz:45-55Hz; 60Hz:54-66Hz (Auto sensing)	
	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	≤ 3% (100% non linear load)	
OUTPUT	Phase	Single phase & Ground	
	Rated Voltage	220/230/240VAC	
	Power Factor	0,9	
	Voltage Percision	+/-1%	
	Output Frequency	50/60 (+/-0,1)Hz (Battery mode)	
	Crest Factor	3:1	
	Transfer Time	0ms	
	Overload Capacity	Load≤ 110%, 60min,≤ 125%, last 10min,≤ 150% last 1min, ≥ 150%, turn to bypass mode immidiately	
	THD	≤2%	
	Efficiency	ECO mode ≥ 98%, Normal mode ≥ 93,5%	
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	62 Kg	64 Kg
	Dimensions (WxDxH) mm	250x502x616	
	Industry Standard	CE, EN/IEC 62040-1, EN/IEC 62040-2, EN/IEC 60950-1, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8	