NRG PRO RT

FRONT VIEW

The NRG PRO RT II features on line double conversion technology and rack/tower convertible design. It has N+1 parallel redundancy, high input & output power factors and is an ideal solution for servers, bank & industrial equipment, communication systems and other networking equipment demanding thorough protection.

FEATURES

- Range: 6-10kVA
- On Line- Double conversion (PFC)
- Graphic LCD Display with Multifunction Parameter Settings
- Efficiency up to 93,5%
- Hot Swappable battery
- N+X Parallel Redundancy
- Application Rack & Tower
- Full digital control (DSP)
- High Output Power factor at 0,9
- Support Economic Operation Mode (ECO)
- Low Input Current Distortion
- Communication Software
- Cold Start (DC)
- Fan Speed Control
- Settable battery voltage & charge current
- Green concept design with superior input voltage window for energy saving
- Optional powerful charger & matching battery pack
- Common Battery when UPS is in Parallel mode

ΠΡΟΔΙΑΓΡΑΦΕΣ

NRG PRO RT

Model			NRG PRO RT II 6000	NRG PRO RT II 10000
Capacity (VA/W)			6000VA/5400W	10000VA/9000W
Input	Phase		1Phase 2Wires & Ground or 3phase 4Wires & Ground	
	Rated Voltage		380/400/415VAC or 220/230/240VAC	
	Voltage Range		208-478VAC or 120-276VAC	
	Frequency Range		45-55Hz / 55-66Hz	
	Power Factor		≥0.99	
	ECO Range		Same as bypass	
	Bypass Voltage Range		220Vac Max: (10%,15%,20% or 25%) Default 25%, 230Vac Max: (10%,15% or 20%) Default 20%, 240Vac Max:(10% or 15%) Default: 15%, Min : 20%, 30% or 45%, Default :45%	
	Current harmonic		≤ 3% at 100% linear load ≤5% at 100% non-linear load	
	Generator input		support	
Output	Phase		Single phase 2 Wires & Ground	
	Rated Voltage		220/230/240VAC	
	Power Factor		0.9	
	Voltage Regulation		±1%	
	Frequency	Utility Mode	±1%, ±2%, ±4%, ±5%, ±10% of the rated frequency (optional)	
		Battery Mode	50±0.1%Hz	
	Crest Factor		3:1	
	THDi		≤2% with linear load, ≤5% with non linear load,	
	Efficiency		Up to 93,5%	
	Waveform		Pure sinewave	
Protection	Overload	AC Mode	Load:105-110%: 1hour, 110-125%: 10min, 125-150%:1min, ⩾150%:200ms then transfer to bypass	
		Battery Mode	Load: 105-110%:1hour, 110-125%:10min, 125-150%: 1min, ⩾150%:200ms then shut down UPS	
		Bypass Mode	40A (Input Breaker)	60A (Input Breaker)
	Short Circuit		Hold whole system	
	Overheat		Line mode: Switch to bypass; Battery Mode: Shut down UPS immediately	
	Battery Low		Alarm and Switch off	
	Noise suppression		Complies with EN60664-1	
Battery	Battery configuration		12V/7AH or 12V/9AH (max. 20pcs)	
	Type		Maintenance Free High-Rate Sealed Lead Acid battery	
	Backup Time		10 min Typical autonomy, Estimated remaining time displayed on the LCD	
	Comunication Interface		USB, Dry Contact, Parallel, Communication slot	
Operating Environment	Temperature		0C～40C	
	Humidity		0～95% non condensing	
	Storage temperature		25C～55C	
	Altitude / Noise		< 1500m / <55dB (at 1 meter)	
Other	Unit Dimension(WxDxH)mm		443 × 580 × 131 (3U)	
	Unit Weight		23Kg (1:1), 28Kg (3:1)	25Kg (1:1), 30Kg (3:1)
	Battery Bank Dimension		443 × 580 × 131 (3U)	
	Battery Bank Weight		58Kg	67Kg
Alarms	Audible & Visual		Line Failure, Battery Low, Overload, System Failure	
Display	Status LED & LCD		Line mode, Backup mode, Eco mode, Bypass mode, Battery low, Battery bad, Overload & UPS fault	
	Reading On the LCD		Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery voltage, Inner Temperature & Remaining Battery Backup Time	
Industry Standard			CE, EN/IEC 62040-2, EN/IEC 62040-1-1	

Specifications subject to change without prior notice.