

NRG PRO RT

FRONT VIEW

The new NRP PRO RT with power factor 0,9 features DSP controlled technology, high input and output power factors, superior input voltage window for energy saving and many more advanced characteristics. It is an ideal solution for the computer room, network center, communication systems, automatic control systems and other critical applications, demanding thorough protection.



FEATURES

- On Line- Double conversion (PFC) with DSP(full digital control)
- Application Rack & Tower
- High Output Power factor at 0,9
- Economic Operation Mode (ECO)
- Low Input Current Distortion
- Self-testing when UPS startup
- Cold Start (DC)
- Emergency Power Off
- Secondary power down function
- Support generator input
- Estimated remaining time displayed on the LCD
- Green concept design with wide input voltage window for energy saving
- Input neutral and live wires reverse detection
- Matching battery pack & optional powerful charger
- Mimic LCD Display may be rotated by simply pushing front button
- Power shedding may turn off uncritical load in battery backup



ΠΡΟΔΙΑΓΡΑΦΕΣ

NRG PRO RT

Model		NRG PRO RT 1000	NRG PRO RT 1500	NRG PRO RT 2000	NRG PRO RT 3000	
Capacity (VA/W)		1000VA/900W	1500VA/1350W	2000VA/1800W	3000VA/2700W	
Input	Phase	Single phase & Ground				
	Rated Voltage	200/208/220/230/240VAC				
	Voltage Range	110 - 290VAC*				
	Frequency Range	45Hz~65Hz±0.5Hz (Auto sensing)				
	Power Factor	≥ 0.98				
	ECO Range	Same as bypass				
	Bypass Voltage Range	Max voltage: +15% (optional +5%,+10%,+25%), Min voltage: -45% (optional -20%,-30%), Frequency protection range:±/-10%				
	Current harmonic	≤7% at 100% non-linear load				
	Generator input	support				
Output	Phase	Single phase & Ground				
	Rated Voltage	200/208/220/230/240VAC				
	Power Factor	0.9				
	Voltage Regulation	±2%				
	Frequency	Utility Mode	Synchronize to mains			
		Battery Mode	50/60Hz±0.02Hz			
	Crest Factor	3:1				
	THDi	≤3% with linear load, ≤5% with non linear load				
	Efficiency	Utility Mode	90%			
		Battery / Eco	>85% / >94%			
	Waveform	pure sinewave				
Protection	Overload	AC Mode	Load<100%~150%:30s, Load>150%:300ms then shut down UPS completely			
		Battery Mode	Load<100%~150%:30s, Load>150%:300ms then shut down UPS completely			
		Bypass Mode	Load>130%:60s then shut down output			
	Overheat	Line mode: Switch to bypass; Battery Mode: Shut down UPS immediately				
	Battery Low	Alarm and Switch off				
	Self-diagnostics	Upon power on and software control				
	EPO	Shut down UPS immediately				
	Noise suppression	Complies with EN62040-2				
Battery	Battery configuration	12V/7AH or 12V/9AH				
	Type	Maintenance Free High-Rate Sealed Lead Acid battery				
	Backup Time	10 min Typical autonomy				
Sockets		Schuko / IEC 320				
Communication Interface		RS 232 & USB port, USB card, SNMP card, Dry contact card				
Operating Environment	Temperature	0C ~ 40C				
	Humidity	0~95% non condensing				
	Storage temperature	25C ~ 55C				
	Altitude	< 1500m				
Other	Unit Dimension(WxDxH)mm	440 × 430 × 86.5		440 × 572 × 86.5	440 × 696 × 86.5	
	Weight	15.1Kg	18.1Kg	22.2Kg	25.5Kg	
Industry Standard		CE				