



Efficiency & Economy

The new NRP PRO RT with power factor 1,0 is a double conversion true on line UPS with superior input voltage window for energy saving, ECO mode and super powerful charger. It is an ideal solution to your computer center, network, communication system, automatic control or other critical system.

Features

- True Online- Double conversion (PFC) with DSP
- Application Rack & Tower
- High Output Power factor at 1,0
- Economic Operation Mode (ECO)
- Cold Start (DC)
- Support generator input
- Hot-Swappable battery
- Up to 92% High Efficiency models
- Matching battery pack & super powerful charger
- Wide input voltage range for the harshest environment
- Power shedding may turn off uncritical load in battery backup
- Mimic LCD Display with multifunction Parameter Settings & operational status





SPECIFICATIONS

Model			NRG PRO RT 1000	NRG PRO RT 2000	NRG PRO RT 3000
Capacity (VA/W)			1000VA/1000W	2000VA/2000W	3000VA/3000W
Input	Phase		Single phase & Ground		
	Rated Voltage		200/208/220/230/240VAC		
	Voltage Range		Low line transfer: 160Vac±5% @100%-80% load; 140Vac±5% @80%-70% load; 120Vac±5% @70%-60% load; 110Vac±5% @60%-0% load; (Ambient Temp. <35C) Low line comeback: 175Vac±5% @100%-80% load; 155Vac±5% @80%-70% load; 135Vac±5% @70%-60% load; 125Vac±5% @60%-0% load; (Ambient Temp. <35C) High line transfer: 300Vac ±5% High line comeback: 290Vac ±5%		
	Frequency Range		40Hz~70Hz (Auto sensing)		
	Power Factor		≥ 0.99		
	ECO Range		Same as bypass		
	Bypass Voltage Range		Bypass high voltage point 230-264: setting the high voltage point in LCD from 230Vac to 264Vac. (Default: 264Vac) Bypass low voltage point 170-220: setting the low voltage point in LCD from 170Vac to 220Vac. (Default: 170Vac)		
	Generator input		support		
Output	Phase		Single phase & Ground		
	Rated Voltage		200/208/220/230/240VAC		
	Power Factor		1		
	Voltage Regulation		±1%		
	Frequency	Utility Mode	47-53Hz (for 50Hz) or 57-63Hz (for 60Hz)		
		Battery Mode	50/60Hz±0.1Hz		
	Crest Factor		3:1		
	THDv		≤3% with linear load, ≤6% with non linear load		
	Efficiency AC Mode (full load)		>88%	>92%	>92%
Waveform		Pure sinewave			
Protection	Overload	AC Mode	Ambient Temp.<35C 105%~110%: UPS transfer to bypass after 10minutes ; 110%~130%: after 1min ; 130%~150%: after 5 sec ; >150%:UPS immediately		
		Battery Mode	35C<Ambient Temp.<40C 105%~110%: UPS transfer to bypass after 1minute when the utility is normal ; 110%~130%: after 5 seconds ; >130%:UPS immediately		
		Bypass Mode	10A (Input breaker)	16A (Input breaker)	20A(Input breaker)
	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 (Optional)		Shut down UPS immediately		
	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 or USB port, USB card, SNMP card, Dry contact card		
Operating Environment	Temperature		0C~ 40C		
	Humidity		20 ~90% non condensing		
	Storage temperature		-25C~ 55C		
Other	Unit Dimension(WxDxH)mm		440 × 305 × 86.5	440 × 460 × 86.5	440×600x86.5 (2U)
	Weight		11.3Kg	19.1Kg	26.2kg