



PROTECTION & UNINTERRUPTIBLE POWER FOR SERVERS & SENSITIVE ELECTRONIC EQUIPMENT

NRG
PRO

NRG PRO is featured with superior input voltage window for energy saving, ECO mode, powerful charger and is ideal solution for the protection, support and autonomy of critical systems such as network centers, computers systems and automatic control systems.



FEATURES

- Power Factor 0,9
- Cold Start (DC)
- Matching battery pack
- Supports generator Input
- Multifunctional protection
- Emergency Power Off (EPO)
- Economic Operation Mode (ECO)
- 3-Level Intelligent Charging modes

- True On Line- Double conversion (PFC)
- >90% High Efficiency models available
- Input neutral and live wires reverse detection
- Super Powerful Charger for battery backup extension
- Wide input voltage range for the harshest environment
- Mimic LCD display with multifunction parameter settings & operational status



Patented Mimic LCD display with multifunction parameter settings.

With mimic LCD display, it is easy to get all precious read-out data about the status of the UPS. Besides, you may easily set various parameters from the screen.



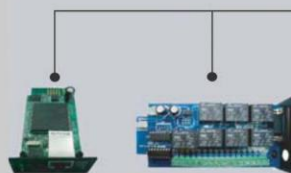
Estimated Remaining Time displayed on the LCD

to enable user to know when time out reaches and shuts down his previous load in time.

Model		NRG PRO 1000	NRG PRO 2000	NRG PRO 3000	
Capacity (VA/W)		1000VA/900W	2000VA/1800W	3000VA/2700W	
Input	Phase	Single phase & Ground			
	Rated Voltage	200/208/220/230/240VAC			
	Voltage Range	110-300VAC			
	Frequency Range	40Hz~70Hz (Auto detect)			
	Power Factor	≥ 0.99			
	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	0.9			
	Voltage Regulation	±1%			
	Frequency	Utility Mode	47-53Hz (for 50Hz) or 57-63Hz (for 60Hz)		
		Battery Mode	50/60Hz±0.01Hz		
	Crest Factor	3:1			
	Transfer time	(Utility<-->Battery)= 0ms			
	Overload	Bat. Mode	Load 105%-110%: UPS shuts down after 1 min, >110% UPS shuts down after 3 sec		
		AC Mode	Load 105%-110%: UPS shuts down after 10 mins, 110%-130% after 1min, >130% after 3sec		
		Bypass Mode	10A (Input breaker)	16A (Input breaker)	20A (Input breaker)
	Efficiency (AC/ECO mode)	>89% / >94%	>90% / >94%		
THD	≤ 3% (100% linear load) ≤ 6% (100% non linear load)				
Battery	Voltage	24Vdc	48Vdc	72Vdc	
	Battery configuration	12V/9AH			
	Recharge time	4 hours (up to 90%)			
	Backup Time	10 min Typical autonomy			
Communication Interface		RS232 or USB port			
Output		IEC 320 / Schuko			
Operating Environment	Temperature	0C~ 40C			
	Humidity	0~95% non condensing			
	Storage temperature	25C~ 55C			
	Altitude	< 1500m			
Other	Unit Dimension(WxDxH)mm	144 × 209 × 293	144 × 209 × 399	191 × 337 × 460	
	Weight (kg)	9,8	17	27,6	
Industry Standard		CE			

VERSATILE COMMUNICATION INTERFACES AVAILABLE

The UPS is equipped with RS232, USB and additional communication slot to be connected with SNMP card, dry contact board for various application demands.



Hardwired output (2-3kVA)

