



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

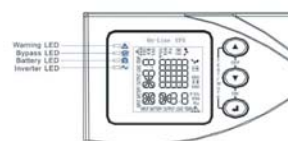


Estimated Remaining Time displayed on the LCD

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

Patented Mimic LCD display with multifunction parameter settings.

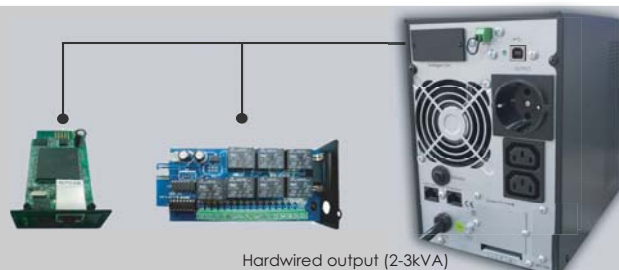
With mimic LCD display, it is easy to get all precious read-out data about the status of the UPS. Besides, you may easily set various parameters from the screen.



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)
	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		
Comunication 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)