



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

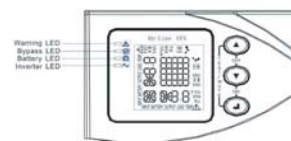


Estimated Remaining Time displayed on the LCD

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.

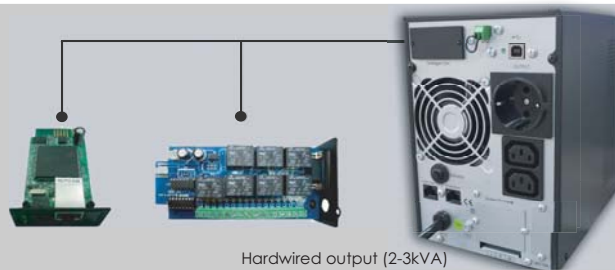
With mimic LCD display, it is easy to get all precious read-out data about the status of the UPS. Besides, you may easily set various parameters from the screen.



| 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) | 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)