

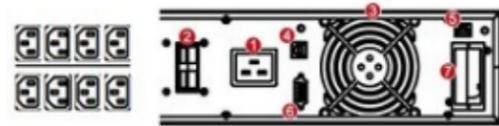


FEATURES

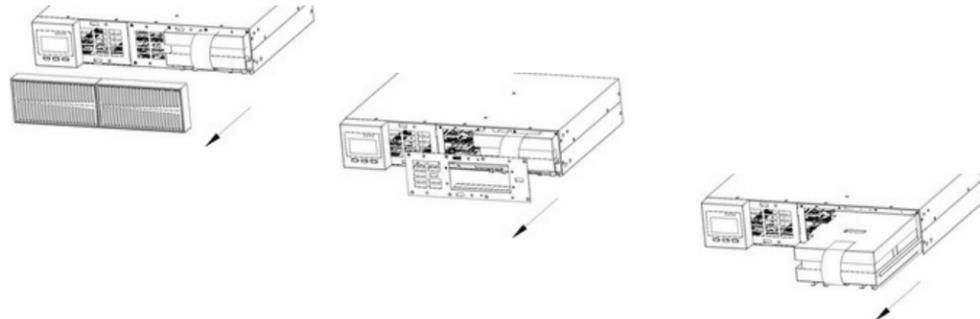
- High frequency on-line double conversion technology
- DSP (Digital signal processing) control technology
- Active power factor correction (APFC), in put power factor up to 0.99
- Output power factor 0.9
- Wide in put voltage range (110V -300 Vac) and frequency range (40 -70 Hz)
- Auto sensing frequency
- 50 / 60 Hz frequency conversion
- Cold start
- Rear ventilation design and variable speed fan
- Effective software and hardware protection
- Quick and stable charging, 90% capacity restored in 3h (standard model UPS)
- Linear derating in low voltage in put reducing battery discharging times
- Settable delayed start when power is restored
- Hot-swappable battery
- Advanced battery management (ABM)
- Multiple functions settable via LCD: output voltage, EOD, auto-start, bypass mode, ECO mode and frequency conversion mode
- Multi-platform communications: RS232 (standard), USB / RS485 / SNMP / dry contacts (optional)
- Optional USB, RS485 card, AS400 dry contacts, SNMP card, SMS alarms, EPO function, MBS (External maintenance bypass switch)

Rear Panel

1. AC in put socket
2. Battery connector (Optional)
3. Fan
4. USB (Optional)
5. EPO (Optional)
6. RS232
7. Intelligent slot (Optional)
8. Output sockets



1.5 kVAS



Easy for maintenance, hot-swappable battery

MODEL		NETPRO 1.5KVA RM
Capacity	1.5 kVA / 1350 W	
Rated voltage	208 / 220 / 230 / 240 Vac 110 ~176 Vac (linear derating between 50% and 100% load); 176 ~280 Vac	
Voltage range	(no derating); 280~300 Vac (derating 50%)	
Frequency	40 ~70 Hz (auto-sensing)	
Power factor	≥0.99	
Bypass voltage range	-25% ~+15% (settable)	
Total harmonic distortion		
OUTPUT		
Voltage	208 / 220 / 230 / 240 Vac (settable via LCD)	
Voltage regulation	±1%	
Frequency	45 ~55 Hz or 55 ~65 Hz (synchronized range); 50 / 60 Hz ± 0.1 Hz (battery mode)	
Waveform	Sinusoidal	
Powerfactor	0.9	
Total harmonic distortion (THDv)	≤2% (linear load); ≤5% (non-linear load)	
Crest factor	3:1	
Overload	105% ~125% far 1 min, 125% ~150% far 30 s, > 150% far 300 ms	
BATTERIES Lead Acid Type Maintenance Free Battery		
DC Voltage	48V (S)	
Inbuilt battery	4x7Ah	
Charging current (max.)	1A	
Recharger time	Standard model: 90% capacity restored in 3 hours; Long time model: depend on the capacity of battery	
SYSTEM		
Efficiency	≥ 91% (Mains mode) ≥ 86% (Battery mode) ≥ 96% (ECO mode)	
Transfer time	Mains mode to battery mode: 0 ms Inverter mode to bypass mode: 4 ms (typical)	
Protections	Short-circuit, overload, overtemperature, battery discharge protection and fan testing protection	
Communications	RS232 (standard), USB / RS485 / dry contacts / SNMP (optional)	
Display	LCD + LED	
Standards	EN 62040-1, EN 62040-2, EN 61000-3-2, EN 61000-3-3, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11, IEC 61000-2-2, IEC 62040-2, IEC 62040-1	
OTHERS		
Operating temperature	0°C ~40°C	
Storage temperature	-25°C ~55 °C (without batteries)	
Relative humidity	0~95% (non-condensing)	
Altitude	≤ 1000 m, derating 1% far each additional 100 m	
IP rating	IP20	
Noise level at 1m	≤50 dB	
Dimensions (W x D x H)(mm)	440 x430x88	
Packaged dimensions (WxDxH)(mm)	545 X 560x201	
Net weight(kg) (UPS)	18.7	
Gross weight(kg) (With Battery)	24	

- Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208 Vac.
- S means standard model, H means long time model.
- All specifications are subject to change without notice.
- Custom-made specifications are acceptable.