

NEOLINE PLUS RT

1-3kVA ONLINE UPS

High performance single-phase ON-LINE UPS Rack/Tower convertible, with double conversion topology Power Factor = 0.9. The Neoline Plus UPS provide excellent protection for critical loads and the elimination of all surges and disruptive noise. With zero transfer time, pure sine wave output and the ability to support different loads, it is the optimum solution for integrated home and IT equipment protection from costly interruptions.



1 phase in / 1 phase out

ENHANCED POWER PROTECTION



TELECOM



SERVERS



LIGHT
INDUSTRY



SECURITY



OFFICE
COMPUTERS



NAVAL
ELECTRONICS



MEDICAL
APPLICATIONS

GENERAL SPECIFICATIONS

- True double-conversion technology
- Microprocessor control optimises the system reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage (110V - 240V)
- Converter mode available
- ECO mode for energy saving only available for (1-3KVA)
- Generator compatible
- Smart USB/RS-232 connectors and optional SNMP
- LCD display for easy monitoring
- Auto restart setting
- Cold Start
- EPO (Emergency Power Off) Connector (6-10kVA)
- Replaceable hot-swappable batteries
- Rack Tower Convertable

NEOLINE PLUS RT

ONLINE UPS *1 phase in / 1 phase out* 1-3 kVA



MODEL		Neoline Plus RT 1kVA	Neoline Plus RT 2kVA	Neoline Plus RT 3kVA
PHASE		Single phase with ground		
CAPACITY		1000 VA / 900 W	2000 VA / 1800 W	3000 VA / 2700 W
INPUT				
Nominal Voltage		110/115/120/127VAC or 208/220/230/240VAC		
Input Voltage Range		60-145 VAC or 120-300 VAC at 50% load 90-145 VAC or 180-300 VAC at 100% load		
Frequency Range		40Hz ~ 70 Hz		
Power Factor		≥ 0.99 @ Nominal Voltage (100% load)		
OUTPUT				
Output Voltage		110/115/120/127VAC or 208/220/230/240VAC		
Voltage Regulation		± 1%		
Frequency Range (Synchronized Range)		47~ 53 Hz or 57 ~ 63 Hz		
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz		
Current Crest Ratio		3:1		
Harmonic Distortion		≤ 3 % THD (Linear Load)		
Transfer Time	AC Mode to Battery Mode	Zero		
	Inverter to Bypass	4 ms (Typical)		
Waveform (Batt. Mode)		Pure Sinewave		
EFFICIENCY				
AC Mode		88%	89%	90%
Battery Mode		83%	87%	88%
BATTERY				
Standard Model	Battery Type	12 V / 9 AH	12 V / 9 AH	12 V / 9 AH
	Numbers	2	4	6
	Typical Recharge Time	4 hours recover to 90% capacity		
	Charging Current (max.)	1.0 A		
	Charging Voltage	27.4VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%
Long-run Model	Battery Type	Depending on applications		
	Numbers	3	6	6
	Charging Current (max.)	41.0VDC ± 1%	82.1 VDC ±1%	82.1 VDC ±1%
	Charging Voltage	1.0A/2.0A/4.0A/6.0 A		
PHYSICAL				
Standard Model	Dimension, D x W x H (mm)	310 x 438 x 88		630 x 438 x 88
	Net Weight (kgs)	12	19	29.3
Long-run Model	Dimension, D x W x H (mm)	310 x 438 x 88	410 x 438 x 88	460 x 438 x 88
	Net Weight (kgs)	9	12	14.2
ENVIRONMENT				
Humidity		20-90 % RH @ 0- 40°C (non-condensing)		
Noise Level		Less than 50dBA @ 1 Meter		
MANAGEMENT				
Smart RS-232/USB		Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC		
Optional SNMP		Power management from SNMP manager and web browser		

*1K-3K: Derate to 70% of capacity in Frequency converter mode or when the output voltage is adjusted to 208VAC.

* Product specifications are subject to change without further notice