•DATA CENTER• •HOME & OFFICE• •MALLS•

NEOLINE

UNINTERRUPTIBLE POWER SUPPLIES

1-3kVA

1 PHASE IN / 1 PHASE OUT

- ONLINE DOUBLE CONVERSION
- FULL DIJITAL CONTROL
- WIDE INPUT VOLTAGE RANGE

GENERAL SPECIFICATIONS

- High power density
- Online double conversion with full digital control
- Wide input voltage range: 110~300 VAC
- Input power factor 0.99 with PFC
- Selectable output voltage: 208/220/230/240 VAC
- Smart charger design for optimized battery performance
- Maximum charging current can be expanded to 12A (Long run unit)
- Emergency power off function (EPO)
- ECO mode operation for energy saving
- Generator compatible
- Cold start
- Intelligent fan speed regulation
- Load segment settable (Optional)
- Versatile LCD human-computer interface
- Multiple communication interface: RS232 (USB/EPO/ Dry contact card/SNMP card optional)
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm

Neoline 3000 *Neoline 2000* *Neoline 1000*

TECHNICAL SPECIFICATIONS

MODEL	NEOLINE 1000XL 1kVA	NEOLINE 1000 1kVA	NEOLINE 2000XL 2kVA	NEOLINE 2000 2kVA	NEOLINE 3000XL 3kVA	NEOLINE 3000 3kVA
Capacity (VA/W)	1000/900		2000/1800		3000/2700	
INPUT						
Nominal voltage	208/220/230/240 VAC					
Operating voltage range	110~300 VAC (176~264 VAC @ 100% load)					
Power factor	≥ 0.99					
Bypass frequency range	40~70Hz (50/60Hz Auto-Sensing)					
OUTPUT						
Nominal voltage	208/220/230/240 VAC					
Voltage regulation	± 1%					
Power factor	0.9					
Output frequency	Line mode: 46~54Hz or 56~64Hz; Bat. mode: (50/60Hz ± 0.1%)					
Crest factor	3:1					
Harmonic distortion	≤ 3% Linear load; ≤ 5% Non linear load					
Transfer time	AC mode to Bat.mode: 0ms; Inverter to Bypass: 4ms (Typical)					
Waveform	Pure Sinewave					
EFFICIENCY						
AC Mode	Up to 90%		Up to 91%		Up to 92%	
ECO Mode	Up to 95%		Up to 96%		Up to 97%	
BATTERY						
Battery type	VRLA (Lead acid maintenance free battery)					
Battery voltage	24VDC		48VDC		72VDC	
Battery capacity	Standard UPS: 7/9; XL UPS: Depends on the capacity of external batteries					
Battery quantity	2 pcs		4 pcs		6 pcs	
Typical recharge time	Standard UPS: 4 (To 90% of full capacity)					
Max. charging current	6/12A	1A	6/12A	1A	6/12A	1A
MANAGEMENT						
LED Display	Line mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault					
LCD Display	Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage, Inner temperature& Remaining battery backup time					
ENVIRONMENTAL						
Operating temperature	0°C~40°C					
Storage temperature	-25°C~55°C					
Humidity range	20~95%RH @ 0°C~40°C (Non condensing)					
Altitude	< 1000m, derating required between 1000 to 3000m					
Noise level	< 50 dBA					
PHYSICAL						
Dimension HxWxD (mm)	209x144x293		337x191x460		337x191x460	
Weight (kg)	4.1	9.3	10	19.5	10	24.5
STANDARDS						
Safety	IEC/EN 62040-1, IEC/EN 62477-1					
EMC	IEC/EN 62040-2 (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)					