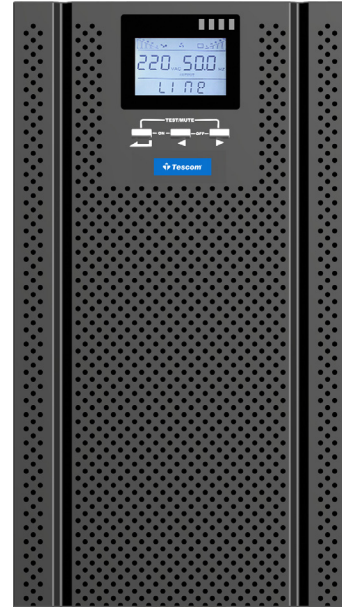


NEOLINE PRO

1-3kVA ONLINE UPS

High performance single-phase ON-LINE UPS with double conversion topology and Power Factor = 0.9. The Neoline Pro 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
- 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

NEOLINE PRO

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



MODEL	NEOLINE PRO 1KVA	NEOLINE PRO 2KVA	NEOLINE PRO 3KVA
Capacity	1 KVA / 900 W	2 KVA / 1800 W	3 KVA / 2700 W
INPUT			
Rated voltage	208 V / 220 V / 230 V / 240 Vac		
Voltage range	110 ~ 176 Vac (linear derating between 50% and 100% load);		
	176 ~ 280 Vac (no derating); 280 ~ 300 Vac (derating 50%)		
Frequency	40 ~ 70 Hz (auto-sense)		
Power factor	≥ 0.99		
Bypass voltage range	-25% ~ +15% (settable)		
OUTPUT			
Voltage	208 V / 220 V / 230 V / 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		
Crest factor	3:01		
Harmonic distortion	≤ 2% (linear load); ≤ 5% (non-linear load)		
Transfer time	Mains mode to battery mode: 0 ms		
	Inverter mode to bypass mode: 4 ms (typical)		
Overload capability	105% ~ 125%: transfer to bypass in 1 min;		
	125% ~ 150%: transfer to bypass in 30 s; > 150%: transfer to bypass in 300 ms		
EFFICIENCY			
Mains mode	≥ 90%	≥ 91%	≥ 92%
Battery mode	≥ 85%	≥ 86%	≥ 87%
ECO mode	≥ 95%	≥ 96%	≥ 97%
BATTERIES			
DC voltage	24 V	48 V	72 V
Inbuilt battery	2 × 12v 9Ah	4 × 12v 9Ah	6 × 12v 9Ah
Charging current (max.)	1:00 AM	1:00 AM	1:00 AM
Recharge time	8 h		
ALARMS	On Utility failure / Low battery / Overload / UPS fault		
COMMUNICATIONS			
RS232 (standard) / USB (optional)	Supports Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / Windows® 7 / 8 / 10		
SNMP (optional)	Power management from SNMP manager and web browser		
OTHER SPECS			
Output Power Plugs	2 Schuko	3 Schuko	4 Schuko
Operating temperature	0 ~ 40°C		
Relative Humidity	0 ~ 95% (non-condensing)		
Altitude	≤ 1000m, derating 1% for each additional 100m		
IP rating	IP20		
Noise level	≤ 50 dB (1m)		
Dimensions (W×D×H) (mm)	144×336×214	191×418×335	191×464×335
Packaged dimensions (W×D×H) (mm)	232×417×318	318×533×471	320×573×471
Net weight (kg)	9.5	18	32
Gross weight (kg)	10.5	19.5	34

*1-3KVA: De-rate to 80% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 100/200/208VAC

Product specifications are subject to change without further notice