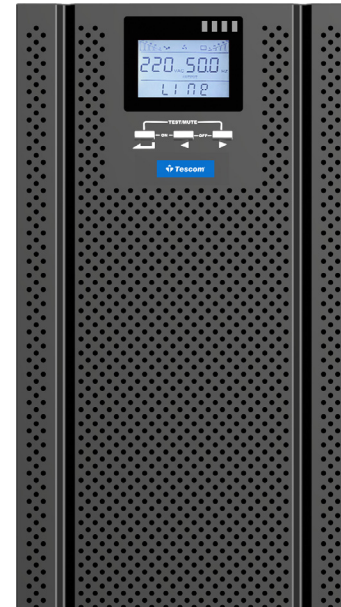


NEOLINE PRO

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	1KVA S(T)		1KVA XL(T)	2KVA S(T)		2KVA XL(T)	3KVA S(T)		3KVA XL(T)
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)								
THDi	≤ 6%								
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	-	36 V	48 V	72 V	72 V	72 V	72 V	96 V
Inbuilt battery	2 × 12v 9Ah	-	-	4 × 12v 9Ah	-	-	6 × 12v 9Ah	-	-
Charging current (max.)	1A	-	6A	1A	-	6A	1A	12A	12A
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 (IEC optional)			3 Schuko (IEC optional)			4 Schuko (IEC optional)		
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)	144×312×216	144×336×214	144×336×216	144×417×216	191×418×335	191×418×335	191×419×335	191×464×335	191×418×335
Packaged dimensions (W×D×H) (mm)	230×402×315	232×417×318	232×417×318	230×506×315	277×500×435	318×533×471	277×500×435	320×573×471	277×500×435
Net weight (kg)	11	13	6	16.4	23.1	10.5	24.3	32	11
Gross weight (kg)	11.3	14	7	17.8	24.7	12	25.9	34	12.5

*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