



1 - 10 kVA

NEOLINE SERIES

UNINTERRUPTIBLE POWER SUPPLIES

1 phase in / 1 phase out

GENERAL SPECIFICATIONS

Product Snapshot

Model: Neoline 1-10kVA (1Ph/1Ph)

Nominal voltage: 220/230/240VAC (1-10kVA)

Nominal frequency: 50Hz / 60Hz

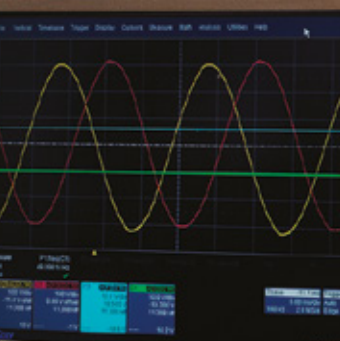
Output Power factor: 0.9

- Output power factor up to 0.9 - applicable to the tendency of future load evolution, and deliver higher payload capacity;
- Total power factor up to 90% can minimize the power loss of UPS and utilization cost for user;
- Active power factor correction (PFC) technology allows the input power factor approaching to 1, dramatically reducing the immunity on utility grid;
- Wider range of input voltage tailored for China grid can be suitable to all severe environments;
- Excellent input frequency range makes UPS suitable to different power supply devices, i.e. generator set;
- Its cut-edge digital technology of DSP (Digital Signal Processor), can greatly improve the products performance and system reliability, and deliver a compact integration with higher power density;
- High Scalability: fully meet the customer's demands;
- Emergency Power Off (EPO): UPS can be instantly shut off in case of any emergency;
- Higher payload and overload capability, better load compatibility, and suitable for various load type
- Powerfull Interference immunity capability in compliance with EMC requirements of IEC61000 -4, deliver your device a clean electric environment.



Tescom®





1 - 10 kVA

TECHNICAL SPECIFICATIONS

MODEL		Neoline 1-10kVA									
		1kVA	1kVA XL	2kVA	2kVA XL	3kVA	3kVA XL	6kVA	6kVA XL	10kVA	10kVA XL
Capacity		1kVA/0.9kW		2kVA/1.8kW		3kVA/2.7kW		6kVA/5.4kW		10kVA/9.0kW	
Nominal voltage		220/230/240 VAC 1P + N + G									
Nominal frequency		50Hz / 60Hz									
INPUT											
Voltage range		115 VAC ~ 295 VAC									
Frequency range		50Hz:(46~54Hz);60Hz:(56Hz~64Hz)									
Power factor		> 0.99									
OUTPUT											
Voltage precision		220/230/240 x (1 ± 2%) VAC									
Frequency precision		50Hz / 60Hz ± 0,2Hz									
Power factor		0.9									
Voltage THD		Linear load < 3% Non-Linear < 6%									
Overload capacity		108% ± 5% < load < 15% ± 5%, 25s switch to by pass and alarm; 150% ± 5% < load < 200% ± 5%, 300ms switch to by pass and alarm.					105%~125%, 60s switch to by pass, 125%~150%, 0s switch to by pass, 60s cut off output; >150%, 0.5s switch to by pass				
Current crest ratio		3:1									
Transfer time		0 ms(AC mode -- DC mode);(AC mode -- Bypass < 4ms)									
BATTERY											
DC voltage		36 VDC		72 VDC		96 VDC		192 - 240 VDC			
Recharge time		5 hours to 90% (it means standard model which battery inside UPS)									
Charging current		1A	4A/8A optional	1A	4A/8A optional	1A	4A/8A optional	2A	4A	2A	4A
PANEL DISPLAY											
LCD		UPS status, input/output voltage and frequency, battery voltage, capacity, load temperature, history records, adjust voltage ECO mode									
COMMUNICATION											
Communication port		RS232, SNMP Card (optional), USB port (optional)									
WORKING ENVIRONMENT											
Temperature		0°C - 40°C									
Relative humidity		< 95% (non-condensing)									
Storage temperature		0°C - 40°C									
Altitude		< 1000m.									
Acoustic noise		< 45 dBA					< 50 dBA				
PHYSICAL CHARACTERISTICS											
Weight (kg)	N.W (kg)	14	7	31	13.5	31.5	14	79	33.5	81.5	36.0
	G.W (kg)	16	9	33	16	33.5	16.5	87.5	39.5	90.0	42.0
Dimensions (mm) HxWxD		220x145x400			340x192x460			717x260x570			