

NEOLINE PLUS

1-3 kVA

Υψηλής αποδοτικότητας μονοφασικό ON-LINE UPS με αντιστροφέα τεχνολογίας διπλής μετατροπής και συντελεστή ισχύος εξόδου (P.F) 0.9.

High-efficiency single-phase ON-LINE UPS with dual-conversion inverter technology and power factor (P.F) 0.9.

ONLINE UPS

1 phase in / 1 phase out



ΤΕΧΝΙΚΑ ΧΑΡΑΚΤΗΡΙΣΤΙΚΑ

- Διπλής μετατροπής
- Έλεγχος με μικροεπεξεργαστή που βελτιστοποιεί την αξιοπιστία
 - Διόρθωση συντελεστή ισχύος εισόδου
- Συντελεστής ισχύος εξόδου 0,9
- Μεγάλο εύρος τάσης εισόδου (120V - 300V)
- Λειτουργία μετατροπέα
- Θύρες USB/RS-232 & SNMP (προαιρετικά)
- Πλήρης οθόνη που επιτρέπει την εύκολη παρακολούθηση και την πρόσβαση στην κατάσταση του UPS
- Λειτουργία ECO για εξοικονόμηση ενέργειας

GENERAL SPECIFICATIONS

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.9
- Wide input voltage
- Converter mode available
- ECO mode for energy saving only available for 1-3KVA models
- Adjustable battery numbers
- Generator compatible
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status

NEOLINE PLUS 1-3 kVA

ONLINE UPS *1 phase in / 1 phase out*

Tescom

MODEL	Neoline Plus 1101ST		Neoline Plus 1102ST		Neoline Plus 1103ST		
TESCOM CODE	UPS.0404		UPS.0405		UPS.0406		
PHASE	Single phase with ground						
CAPACITY	1000 VA / 900 W		2000 VA / 1800 W		3000 VA / 2700 W		
INPUT							
Nominal Voltage	200/208/220/230/240VAC						
Voltage Range	120-300 VAC (Based on load at 50%) 180-280 VAC (Based on load at 100%)						
Frequency Range	40Hz ~ 70 Hz						
Power Factor	≥ 0.99 @ Nominal Voltage (100% load)						
OUTPUT							
Output Voltage	110/115/120/127VAC or 200/208/220/230/240VAC						
Voltage Regulation	± 1%						
Frequency Range (Synchronized Range)	47~ 53 Hz or 57 ~ 63 Hz						
Frequency Range (Batt. Mode)	50 Hz or 60Hz ± 0.5%						
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							
To AC Mode	88%		89%		90%		
To Battery Mode	83%		85%		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%	
INDICATORS							
LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators						
ALARM							
Battery Mode	Sounding every 4 seconds						
Low Battery	Sounding every second						
Overload	Sounding twice every second						
Fault	Continuously sounding						
PHYSICAL							
Standard Model	Dimension, D x W x H (mm)	282 x 145 x 220		397 x 145 x 220		421 x 190 x 318	
	Net Weight (kgs)	9,8		17		27,6	
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						

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

6-10KVA: Derate to 60% of capacity in Frequency converter mode and to 90% when the output voltage is adjusted to 208VAC

Product specifications are subject to change without further notice