

Tescom

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NEOLINE ST+ 10KVA-30KVA TOWER STANDARD

UPS ON LINE
3 phase In / 1 phase Out



- Tower (ST+), Standard models (K)
- Double conversion, 3phase with ground
- DSP technology microprocessor optimizes reliability
- Wide input voltage range (110-300 VAC)
- Active power factor correction in all phases
- 50Hz / 60Hz frequency inverter
- ECO standby mode to save power
- Programmable power management outlets
- Emergency shut-off function (EPO)
- Communication Ports SNMP + USB + RS-232
- Charging extension Design in 3 steps for optimized performance of the battery
- Bypass mode for maintenance (available)

Model		NEOLINE ST+ 10K [L]	NEOLINE ST+ 15K [L]	NEOLINE ST+ 20K [L]	NEOLINE ST+ 30K [L]
Capacity		10000 VA / 9000 W	15000 VA / 13500 W	20000 VA / 18000 W	30000 VA / 27000 W
INPUT					
Input voltage		3 X 400 VAC (3Ph+N)			
Voltage range		190-520 VAC (3-phase) @ 50% load, 305-478 VAC (3-phase) @ 100% load			
Frequency range		46-54Hz or 56-64Hz			
OUTPUT					
Power factor		0,9			
Output voltage		208/220/230/240VAC ±1%			
Frequency during battery operation		50 Hz ± 0,1 Hz ñ 60 Hz ± 0,1 Hz			
Overload	AC mode	100%~110%: 10min 110%~130%: 1min >130% : 1sec			
	Battery mode	100%~110%: 30sec 110%~130%: 10sec >130% : 1sec			
Current crest ratio		3:1			
Harmonic distortion		≤2 % THDi (linear load), ≤5 % THDi (non-linear load)			
Transfer time		From AC to battery: 0 ms / From Inverter to bypass: 0 ms			
Waveform		Pure sinewave			
EFFICIENCY					
Mains mode		91.5%	91.8%	91.8%	92.1%
ECO mode		97.0%	97.0%	97.0%	97.0%
Battery mode		87.0%	88.0%	88.0%	89.0%
BATTERIES					
Sort		Lead acid. Waterproof, prevent leaks, do not require maintenance.			
Standard models	Type & quantity	12V/9Ah 20 pcs (18 - 20 pcs adjustable)	12V/9Ah 20 pcs (18 - 20 pcs adjustable) x 2 strings	12V/9Ah 20 pcs (18 - 20 pcs adjustable) x 3 strings	
	Charging current (max.)	1A	2A	4A	
	Charging time	9 hours recover to 90% capacity			
	Charging voltage	273VDC ± 1% (Based on 20pcs batteries)			
PHYSICAL					
Tower	Dimensions, WxDxH (mm)	576 x 250 x 592			815 x 250 x 826
	Net weight (kg)	28,00	40,00		64,00
ENVIRONMENT					
Operating temperature & humidity		0-95% RH @ 0-40 °C (non-condensing)			
Noise Level		≤ 58dB @ 1m	≤ 60dB @ 1m		≤ 65dB @ 1m
MANAGEMENT					
Smart RS-232/USB		Supports: Windows 2000/XP/Vista/7/8/10, Linux, Unix, Mac OS			
SNMP (optional)		Power management anó SNMP manager kai web browser			