

On Line UPS



The range Neo 3/1 uses double conversion technology to provide clean, high level quality power to fully protect mission-critical devices such as communications networks, small computer centers, servers, telecoms applications and industrial applications.

Wide input voltage range (110V-300V)

Neo 3/1 can provide stable power to connected devices under unstable power environments.

Programmable power management outlets

With programmable power management outlets, users can easily and independently control load segments. During power failure, this feature enables users to extend battery time to mission-critical devices by shutting down the non-critical devices.

ECO mode operation for energy saving

Offers efficiency as high as 97% to cut energy usage & operation cost. UPS power application via static bypass, timely returning to online double conversion when the need arises.

50/60 Hz Frequency Converter Mode

Lock output frequency at 50Hz or 60Hz independently of the input frequency.

Emergency Power Off (EPO) Function

This feature can secure the personnel and equipment in case of emergency.

Maintenance bypass

Internal bypass assures power continuity to critical devices during UPS maintenance.

Parallel

Neo 3/1 can be used in parallel operation with up to 3 units. This function increases power capacity, safety and availability.

Neo 3/1 10K 20K



Ηλεκτρονικά Ισχύος
Power Electronics



2

YEAR

Warranty

UPS

&

Batteries

Smart battery charger design to optimize battery performance

Neo 3/1 are equipped with 3-stage extendable charger for optimized battery performance. This feature extends the useful service life of batteries and optimizes battery recharge time. Also, the extendable charger design can be stacked in numbers for large-capacity battery charging.

SNMP + USB + RS-232 multiple communications

This feature allows either USB or RS-232 communication port to work with SNMP interface simultaneously.



Othonos 39, Agios Dimitrios
Athens, Greece, ZIP code: 173 43



+30 210 9966555



+30 210 9969444



info@acepower.gr



www.acepower.gr

Model		Neo 3/1 10K	Neo 3/1 20K
PHASE		3 phase in / 1 phase out	
CAPACITY		10000VA / 8000W	20000VA / 16000W
INPUT			
Voltage Range	Low Line Range	176 VAC (phase voltage) @ 100% load 110 VAC (phase voltage) @ 50% load	
	Low Line Comeback	186 VAC (phase voltage) @ 100% load 120 VAC (phase voltage) @ 50% load	
	High Line Transfer	300 VAC (phase voltage)	
	High Line Comeback	290 VAC (phase voltage)	
Frequency Range		46~54Hz or 56~64Hz	
Power Factor		< 0.99 @ 100% load	
OUTPUT			
AC Voltage Regulation (Batt. Mode)		± 1%	
Frequency Range (Synchronized Range)		46~54 Hz or 56~64 Hz	
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz	
Current Crest Ratio		3:01	
Harmonic Distortion		< 2 % THD (Linear Load) < 6 % THD (Non-linear Load)	
Transfer Time	AC Mode to Batt. Mode	Zero	
	Inverter to Bypass	Zero	
Waveform (Batt. Mode)		Pure Sinewave	
EFFICIENCY			
AC Mode		90%	
Battery Mode		88%	
BATTERY			
Battery Type	12 V / 9 Ah		12 V / 9 Ah
Numbers	20		20 x 2
Typical Recharge Time		9 hours recover to 90% capacity	
Charging Current (max.)		1A	
Charging Voltage		273 VDC ± 1%	
INDICATORS			
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions	
ALARM			
Battery Mode		Sounding every 4 seconds	
Low Battery		Sounding every second	
Overload		Sounding twice every second	
Fault		Continuously sounding	
PHYSICAL			
Dimension, H x W x D (mm)		576 x 250 x 592	826 x 250 x 862
Net Weight (kgs)		86	139
ENVIRONMENT			
Humidity		20-90 % RH @ 0- 40°C (non-condensing)	
Noise Level		< 58dB @ 1 Meter <60dBA @ 1Meter	
COMMUNICATION			
Smart RS-232/USB		Supports Windows 98/2000/2003/XP/Vista/2008, Windows 7, Linux and MAC	
Optional SNMP		Power management from SNMP manager and web browser	

* If the UPS is installed or used in a place where the altitude is above than 1000m the output power must be derated one percent per 100m.



Othonos 39, Agios Dimitrios
Athens, Greece, ZIP code: 173 43



+30 210 9966555



+30 210 9969444



info@acepower.gr



www.acepower.gr