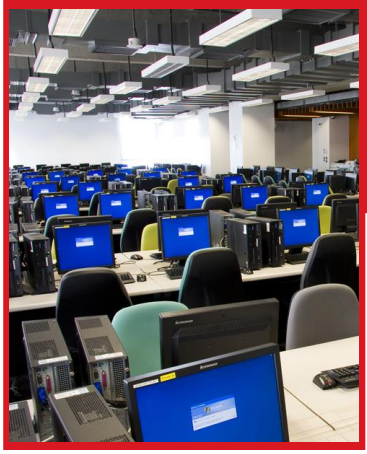
On Line UPS






Neo Pro 6000-10000VA

The range Neo Pro 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.

Output power factor 0.9
Compared to the online UPSs in the current market, Neo Pro provides higher output power factor up to 0.9.

Wide input voltage range (110 V-300 V)
Neo Pro can provide stable power to connected devices under unstable mains conditions.

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 critical loads 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 by turning off the UPS in case of fire or other emergencies.

Maintenance bypass available
Internal bypass assures continuous power to critical devices during UPS maintenance.

Smart battery charger design to optimize battery performance
Neo Pro 6K and 10K 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. Besides, the extendable charger design can be stacked in numbers for large-capacity battery charging.

DSP technology applied for Neo Pro 6K & 10K
A DSP controller provides an improved and cost-effective solution with high performance.

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Parallel System

Neo Pro 6k and 10k can be used in parallel operation with up to 3 units. This function increases power capacity, safety and availability of the system.

SNMP + USB + RS-232

The communication of the UPS is done via the USB or RS-232 and also with SNMP interface.

Model		Neo Pro 6K	Neo Pro 10K
PHASE		**1 phase in / 1 phase out**	
CAPACITY		**6000VA/5400W**	**10000VA/9000W**
INPUT			
Nominal Voltage		208/220/230/240VAC	
Voltage Range		176 - 300 VAC @ 100% load	
		110 - 300 VAC @ 50% load	
Frequency Range		46 ~ 54 Hz or 56 ~ 64 Hz	
Power Factor		> 0.99 @ 100% load	
OUTPUT			
Output Voltage		208/220/230/240VAC	
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	
Crest Factor		3:1 (max)	
Harmonic Distortion		< 3% THD (Linear Load)	
		< 6% THD (Non-Linear Load)	
Transfer Time	**AC Mode to Batt. Mode**	Zero	
	Inverter to Bypass	Zero	
Waveform (Batt. Mode)		Pure Sine Wave	
EFFICIENCY			
AC mode		89%	
Battery mode		88%	
BATTERIES			
Battery Type		12V / 7AH	12V / 9AH
Number		20	20
Typical Recharge Time		7 hours recover to 90%	9 hours recover to 90%
Charging Current (max.)		1.0 A	
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, D X W X H (mm)		592 X 250 X 576	
Net Weight (kgs)		81	83
ENVIRONMENT			
Humidity and Temperature		20-90 % RH @ 0- 40°C (non-condensing)	
Noise Level		< 55dBA @ 1 Meter	< 58dBA @ 1 Meter
COMMUNICATION			
Smart RS-232		Supports Windows 98/2000/2003/XP/Vista/2008, Windows 7, Linux and MAC	
USB			
SNMP		Power management from SNMP manager and web browser	

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