



# UPO11 AX

## online UPS

High performance double conversion

3kVA



*For critical tasks and  
corporate applications*



# UPO11-3 AX

# UPS online

High performance double conversion for critical loads and corporate applications

## Features



- Double conversion technology.
- Output frequency regulation.
- Pure sine wave at the output.
- Corrects low and high voltages without the use of batteries.
- Zero transfer time.
- Correct 99% of electrical problems.
- Cold start.
- Overload quickly recover.
- Ideal for medical equipment protection, laboratory equipment, data sensitive servers and telecommunications equipment.
- Total isolation from the utility.
- Maximizes the performance, life span and reliability of the batteries, through a smart and precise charging.
- Protects critical loads against brief and prolonged overloads, surges and other electrical problems.
- Converts the input AC supply into DC and once more into AC.
- Frequency conversion capable.
- 0.9 output power factor.

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User friendly LCD Display

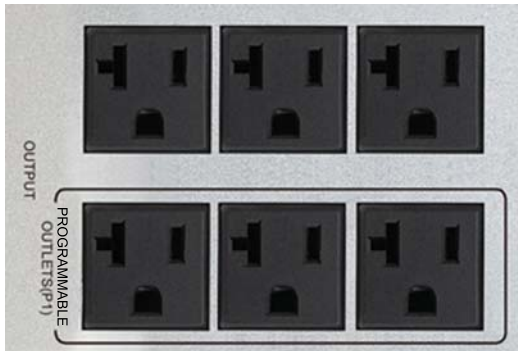


Shows input and output voltages, backup time and battery charge.





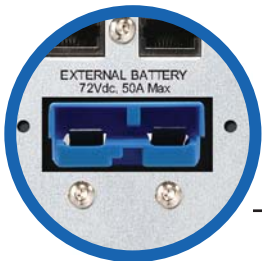
# UPO11-3 AX **UPS online**



6 NEMA 5-15R output outlets  
of which 3 terminals output are  
programmable

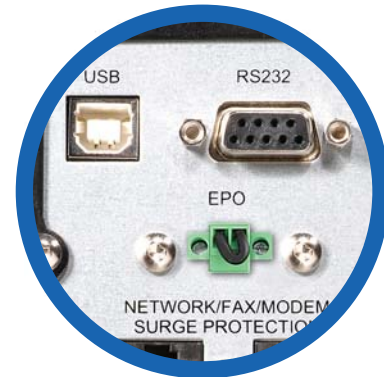
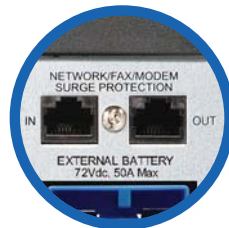


AC power cord  
NEMA L5-30P



External battery  
bank input

**Surge protection**  
Data line protection



Communication ports



Overload protection



Optional SNMP and control PCB



## Corporate applications and critical loads solutions

# UPO11-1 AX

Model		UPO11-3
<b>Capacity</b>		3000VA / 2700W
<b>Input</b>		120VAC nominal voltage
Voltage range		55VAC - 150 VAC $\pm$ 3%
Frequency range		40Hz - 70Hz
Power factor		$\geq$ 0,99 @ nominal voltage (full load)
<b>Output</b>		
Output voltage		100/110/115/120/127 VAC
AC voltage regulation		$\pm$ 0-1%
Frequency range	Battery mode	50 Hz $\pm$ 0.1 Hz      60 Hz $\pm$ 0.1 Hz
Crest factor		3:1
Overload		100%- 110 Alarm; 110/130 Battery mode the UPS shuts down in 30 seconds / normal mode the UPS transfers to bypass mode when the utility is normal; >130% battery mode the UPS shuts down immediately / normal mode of the UPS transfers to bypass when the utility is normal.
Harmonic distortion		$\leq$ 2% THD (linear load) $\leq$ 4% THD (non linear load)
Transfer time	AC mode to battery mode	Zero
Wave form		Pure sine
<b>Efficiency</b>		
AC mode		90%
Eco Mode		97%
<b>Batteries</b>		
Type/Quantity		12V/9Ah x 6
Recharge time		3 hours to 95% (typical)
Charge current		1,0 Ah (max)
Charge voltage		82,1 VDC $\pm$ 0-1%
Backup time		6 minutes full charge / 15 minutes half change
<b>Physical</b>		
Dimensions	(D x H x W)	318x190x421mm
Net weight		28 Kg
<b>Environment</b>		
Humidity		0-90% RH @ 0-45°C (non condensation)
Noise level		Less than 50 dBA @ 1 meter
<b>Control</b>		
Smart RS232 or USB		Supports Windows 2000 / 2003 / XP / Vista / 2008 / 7, 8, 10, Linux and Mac
Optional SNMP		SNMP control & web browser (via internal SNMP or SNMPDB9)
Certifications		NOM, ISO9001, ISO14001, CIDET, TÜV, UL

Specifications are subject to change without notice

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