CHICAGO DIGITAL POWER

UPO11 AX

online UPS

High performance double conversion

2kVA



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UPO11-2 AX

UPS online

High performance double conversion for critical loads and corporate applications

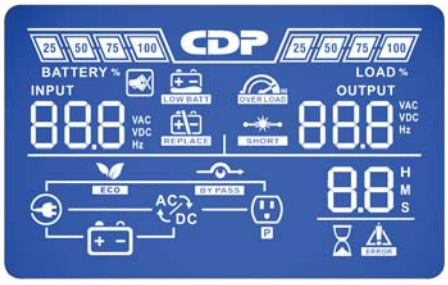


Features

- 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.

UPS

User friendly LCD Display



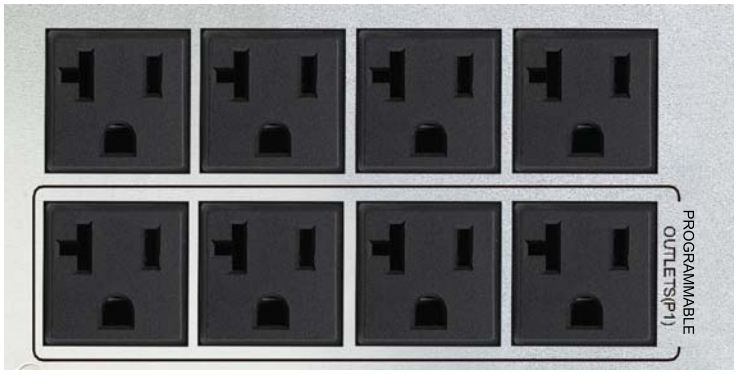
Shows input and output voltages, backup time and battery charge.



2904 V.01



UPO11-2 AX UPS online



8 NEMA 5-15R output outlets
or 5_20R, of which 4 terminals
output are programmable

SNMP slot



2 Cooling Fan



AC power cord
NEMA 5-20P



External battery
bank input



Communication ports

Surge protection
Data line protection





Overload protection



Optional SNMP and control PCB

2904 V.01

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Corporate applications
and critical loads solutions

UPO11-2 AX

Model		UPO11-2 AX
Capacity		2000VA / 1800W
Input		120VAC nominal voltage
Voltage range		55VCA - 150 VAC ± 3%
Frequency range		40Hz - 70Hz
Power factor		>/=0,99 @ nominal voltage (full load)
Output		
Output voltage		100 / 110 / 115 / 120 / 127 VAC
AC voltage regulation		+/-1%
Frequency range	Battery mode	50 Hz +/-0.1 Hz 60 Hz +/-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		</= 2% THD (linear load) </= 4% THD (non linear load)
Transfer time	AC mode to battery mode	Zero
Wave form		Pure sine
Efficiency		
AC mode		90%
Eco Mode		97%
Batteries		
Type/Quantity		12V/7Ah x 6
Recharge time		3 hours to 95% (typical)
Charge current		1,0 Ah (max)
Charge voltage		82,1 VDC +/-1%
Backup time		6 minutes full charge / 15 minutes half change
Physical		
Dimensions	(D x H x W)	190x318x421mm
Net weight		23.2 Kg
Environment		
Humidity		0-90% RH @ 0-45°C (non condensation)
Noise level		Less than 50 dBA @ 1 meter
Control		
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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