



UPO11-2RT

online UPS

High performance double conversion

2kVA



*For critical tasks and
corporate applications*

Conversion Design Tower - Rack



UPO11-2RT

UPS online

High performance double conversion for critical loads and corporate applications



Features

- Long - range regulation.
- Design for change of batteries Hot-swap
- It allows quickly and easily replacement of batteries.
- 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.
- Conversion Design Tower - Rack.
- Bank external battery option.
- Converts the input AC supply into DC and once more into AC.
- Frequency conversion capable.
- 0.9 output power factor.

UPS

LCD panel with 90° rotation

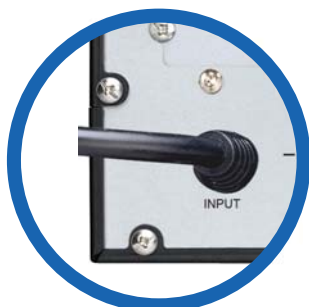




UPO11-2RT



Rear view



AC power cord



Fan

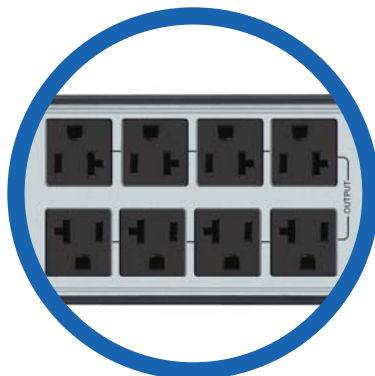


Communication ports



External battery bank input

8 NEMA 5-15R output outlets



Optional SNMP and control PCB



Servers laboratory solutions and telecommunications

UPO11-2RT

Model		UPO11-2RT
Capacity		1000VA / 1800W
Input		120VAC nominal voltage
Voltage range		60VAC - 150 VAC
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		5:1
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		</= 3% THD (linear load) </= 6% THD (linear load)
Transfer time	Battery mode AC mode	Zero
Wave form (Battery mode)		Pure sine
Efficiency		
AC mode		89%
Eco Mode		87%
Batteries		
Type/Quantity		12V/9Ah x 4
Recharge time		4 hours to recover 90% capacity (Typical)
Charge current		1,0 Ah (max)
Charge voltage		54,7VDC +/-1%
Standby time		4 minutes full charge/ 12 minutes half charge
Additional		To use the external battery bank, the unit can not exceed 80% of the load and only 1 extra battery bank can be added
Physical		
Dimensions	(D x W x H)	410x438x85mm
Net weight		17.5 Kg
Environment		
Humidity		20-90% RH @ 0-40°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
SNMP optional		SNMP control & web browser (via internal SNMP or SNMPDB9)
Conformance		CE, CIDET, ISO9001, ISO14001, NOM, RoHS, TÜV

Specifications are subject to change without notice

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