



# UPO22-RT AX

## **online UPS**

High performance double conversion

6 kVA



*For critical loads and  
corporate applications*  
Capacity parallel redundant connection N + 1



## UPO22-6RT AX

## online UPS

High performance double conversion,  
with capacity parallel redundant connection N + 1.



### FEATURES

- Rack and tower mounting available.
- Simple parallel system connection to increase capacity up to 3 more units, increasing the load capacity.
- Frequency converter programmable from the LCD panel with 50 and 60 Hz options.
- Intelligent Self-Diagnosis performed by DSP digital signal processor, allows the UPS to check all its components and in case of failure, it is deployed gada on the LCD panel giving the option for quick repair.
- Full time digital signal processor.
- Programmable constant voltage and frequency (CVCF).
- Smart energy saving mode.
- Optional Emergency Power Off (EPO) function.
- Isolation transformer.
- Easy hot swapping of batteries.
- Advanced battery charge management protects them from deep discharges when there is an interruption of the electrical service, extending its average life.
- Spaces for additional cards, in addition to the RS232 standard, allows customize your UPS by means of optional cards such as a 2nd RS232, USB, RS485, dry contact or WEB/SNMP, with isolated contacts for industrial applications.
- Cold start (in DC).
- Automatic start-up of the equipment when connected to the network.
- Power factor 1.
- Frequency conversion capability.

UPS



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







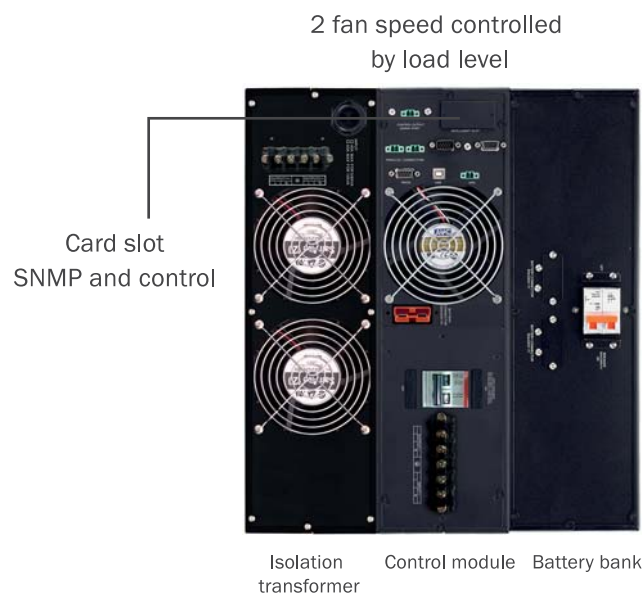
# UPO22-6RT AX



Maintenance Bypass Switch  
(sold separately)



Compatible with power distribution  
unit (PDU) (sold separately)



Synchronization interface  
for configuration of  
redundant parallel N+1  
(optional)



Optional cards: (sold separately)



EMD (Environmental Monitoring Device)  
in order to operate it is necessary to  
SNMP installed



Optional emergency  
power Off function (EPO)



Terminal block



# Solutions for **servers,** laboratories and **telecommunications**

## UPO22-6RT AX

Model		UPO22-6 AX
Capacity		6000VA / 5400W
<b>Input</b>		220 VAC nominal voltage
Voltage range		110 to 300 VAC +/-3 (L-L)
Frequency range		50/60 Hz +/- 7%
Power factor		0,99 (full load)
<b>Output</b>		
Output voltage		104/110/115/120/ VAC 208/220/230/240VAC
AC voltage regulation		+/-3%
Frequency range		50 Hz +/-0.1 Hz 60 Hz +/-0.1 Hz
Crest factor	Battery Mode	3:1 max
Overload	AC mode to battery mode	100% - 110% 10 min /110%-130%: 1 min / >130%: 1 seg
Harmonic distortion		<= 3% THD (linear load)
Transfer time		0 ms
Wave mode		Pure sinewave
Efficiency		
Mode AC		90%
Mode Eco		98%
<b>Battery</b>		
Type/Quantity		12V/7Ah x 20
Recharge time		4 to 5 hours to 90%
Charge current		1,0 Ah (optional 4 Ah)
Load voltage		273VDC +/-1%
Standby time		7 minutes at full load - 15 minutes at half load
<b>Physical</b>		
Dimensions	(length x height x depth) mm	UPS: 460 x 133 x 620 / Battery bank: 460 x 133 x 620 / Isolation transformer: 460 x 133 x 620 Bypass: 460 x 88 x 122 mm
Rack unit number		UPS: 2U / Battery bank: 3U / Isolation transformer: 3U
Net weight (Kg)		UPS: 20 kg / Battery bank: 57 kg / Isolation transformer: 67 kg
<b>Environment</b>		
Humidity		<95% RH @ 0-40°C (non condensation)
Noise level		Less than 58dBA @ 1 meter
<b>Control</b>		
Smart RS232 or USB		Supports Windows 98/ 2000/ 2003/ XP/ Vista/ 2008/ 7/ Linux, Unix and Mac
Optional SNMP		Control and command for SNMP and web browser (through internal SNMP or SNMPPDB9)
Certifications		CIDET, ISO9001, ISO14001, NOM, TÜV, UL

Product specifications are subject to change without notice

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