



# UPO22 AX i

## online UPS

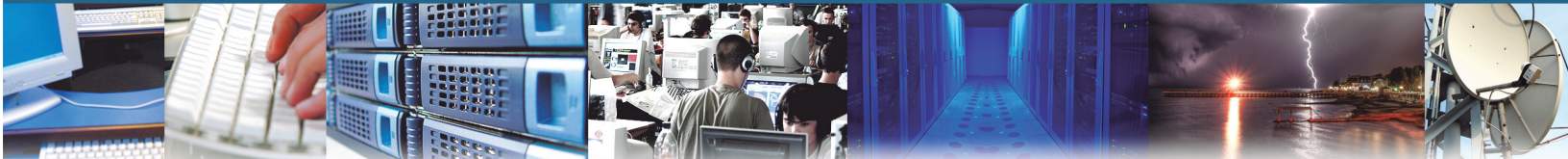
High performance double conversion

15 kVA



*For critical loads and  
corporate applications*

*Capacity parallel  
redundant connection N+1*



# UPO22-15 AX i



## UPS online

Parallel redundant connection N+1.

High performance double conversion,  
for critical loads and corporate applications.



### FEATURES

- Simple parallel connection to add up to 3 more units increasing overall capacity increasing the load capacity using a simple interconnection with cables KHAN - bus RJ45 in the back part of the UPS.
- Programmable frequency converter from the LCD panel with 50 and 60 Hz options.
- Smart self test through the digital signal processor DSP, which allows the UPS to examine all its components and in case of fault it is shown on the display.
- Full time digital signal processor.
- Programmable Constant voltage and Constant frequency (CVCF).
- Smart energy save mode.
- Optional Emergency Power Off function (EPO).
- Hot swap batteries.
- Additional slots besides the standard RS232, which allows the user to customize its UPS through optional PCB such as a second RS232, USB, RS485, dry contact or WEB/SNMP, isolated outlets for industrial applications and remote alarms.
- 0,8 output power factor.
- Frequency conversion capable.

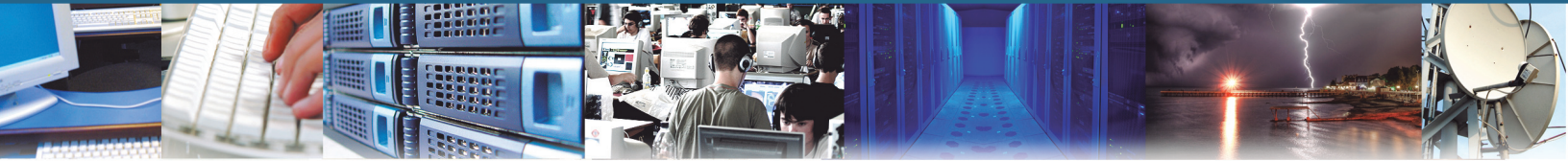
SPERD



LCD Display

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





# UPO22-15 AX i



Fan speed controlled by load level

Emergency power off function



Insulating Transformer

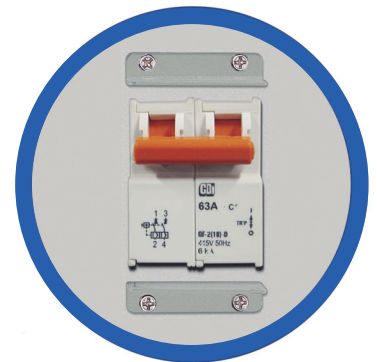


Terminal block

Terminal block



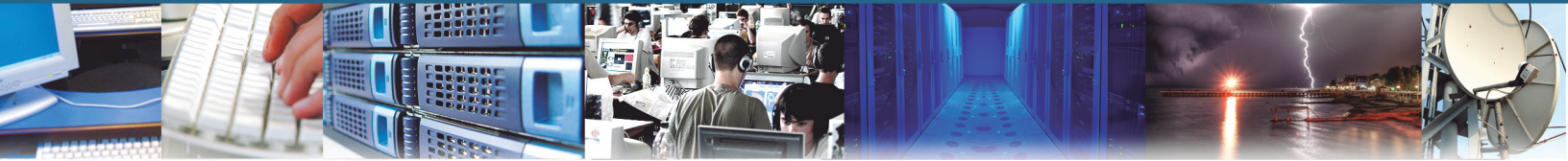
Input switch



Optional SNMP and control PCB

Bypass switchboard





# Critical load **solutions** and corporate **applications**

## UPO22-15 AX i

Model	UPO22-15 AX i	
<b>Capacity</b>	15000VA / 12000W	
<b>Input</b>	220 VAC nominal voltage	
Voltage range	110 a 300 VAC +/-3 (L-N)	
Frequency range	50/60 Hz +/- 7%	
Power factor	0,99 (full load)	
<b>Output</b>		
Output voltage	208/220/230/240VAC	
AC voltage regulation	+/-1%	
Frequency range	Battery mode	50 Hz +/-0.1 Hz      60 Hz +/-0.1 Hz
Crest factor	3:1 max	
Overload	Battery mode AC mode	100% - 110% 10 min / 110% -130%: 1min / >130%: 1 seg
Harmonic distortion	</= 2% THD (linear load)	
Transfer time	0 ms	
Wave mode	Pure sinewave	
<b>Efficiency</b>		
Mode AC	90%	
Mode Eco	96%	
<b>Battery</b>		
Type/Quantity	12V/7Ah x 32	
Recharge time	4 to 5 hours to 90%	
Charge current	2,0 Ah (max)	
Load Voltage	218VDC +/-1%	
Standby time	5 minutes at full load - 15 minutes at half load	
<b>Physical</b>		
Dimensions	(WxDxH)	UPS: 250x840x826mm Battery bank: 260x580x570mm
Net weight (Kg)	135 Kg	
<b>Environment</b>		
Humidity	<95% RH @ 0-40°C (non condensation))	
Noise level	Less than 55dBA @ 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 SNMPDB9)	
Certifications	CIDET, CE, ISO9001, ISO14001, NOM	

\*\*\*Specifications are subject to change without notice

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