



UPO22

online UPS

High performance double conversion

15 kVA



For critical loads and
corporate applications

Capacity parallel
redundant connection N+1



UPO22-15AX

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.

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LCD Display

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





UPO22-15AX



Fan speed controlled by load level

Emergency power off function



Insulating Transformer

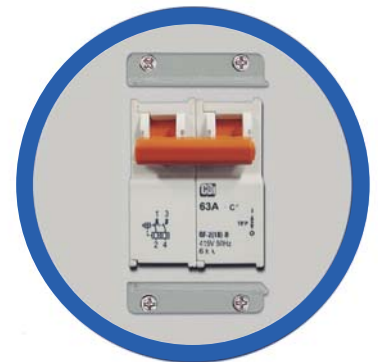
Terminal block



Terminal block



Input switch



Optional cards:

SNMP



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

Bypass switchboard





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

UPO22-15AX

Model		UPO22-15AX
Capacity		15000VA /12000W
Input		220 VAC nominal voltage
Voltage range		110 a 300 VAC +/-3 (L-L)
Frequency range		50/60 Hz +/- 7%
Power factor		0,99 (full load)
Output		
Output voltage		104/110/115/120/ VAC 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
Efficiency		
Mode AC		90%
Mode Eco		96%
Battery		
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
Physical		
Dimensions	(WxDxH)	UPS: 250x840x826mm Battery bank: 260x580x570mm
Net weight (Kg)		135 Kg
Environment		
Humidity		<95% RH @ 0-40°C (non condensation))
Noise level		Less than 55dBA @ 1 meter
Control		
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		CE, NOM, TUV, IEEE, RETIE

***Specifications are subject to change without notice

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