

AMAZONAS SERIES

On-line UPS double conversion with galvanic isolation from 6 to 15 KVA



Description



The Amazonas Pro series UPS guarantee total protection for powers ranging from 6kva to 15kva against any anomaly in the mains electricity network during their operation. With On-Line Double Conversion technology, as the supply voltage to loads is provided in each case via the inverter stage with galvanic isolation.

Advanced PWM Technology allows a voltage and current adjusted signal to be available at each moment in time, free of harmonics, noises and interferences. Information on the status of the system is presented locally by means of LED signalling and a LCD screen with different menus. Information on the unit can be also managed remotely through its powerful software.



Amazonas Pro 10 KVA



Rear connections
Amazonas Pro 10 KVA

- ① SNMP adapter (option)
- ② RS232/RS485
- ③ Battery switch
- ④ Bypass switch
- ⑤ Input switch
- ⑥ Terminals

Features

- > On-line UPS double conversion with galvanic isolation
- > Microprocessor digital control technology
- > Power: 6, 10 and 15 KVA
- > Galvanic isolation by output transformer
- > RFI filter
- > Reduced harmonic distortion of output signal
- > Wide input voltage range
- > Protections against overloads, short-circuits & low battery voltage
- > Software included for System Monitoring
- > Possibility of extended autonomies
- > RS232/ RS485 connection ports
- > LCD display: information about status of UPS
- > SNMP card optional / RS232 Ethernet converter

domestic use

network

data centers

medicine

telecommunications

security

industrial



NON - STOP POWER

GENERAL SPECIFICATIONS			
Model	Amazonas Pro 6	Amazonas Pro 10	Amazonas Pro 15
Power KVA	6	10	15
GENERAL			
Technology	On-Line, double conversion, with galvanic isolation		
Efficiency	>85%		
Overload	125%- 1 min-150% for 20 ms	125%- 1 min-150% for 0,5 sec	
INPUT			
Voltage range	170~270Vac		
Frequency	50 Hz \pm 5%		
OUTPUT			
Power (KVA/KW)	6/4.8	10/8	15/12
Voltage	220Vac \pm 2%		
Output frequency	50Hz \pm 0,5% (battery mode)		
Type of wave	Pure sinewave		
Harmonic distortion	THD <3% (linear load and no lineal)		
Crest factor	3:1		
BATTERIES & AUTONOMY			
Standard battery	Pb VRLA (lead battery with anti-leak seal), 192 VDC		
Autonomy	Up to many hours (depending on connected load)		
Charge time	Depending on battery		
INDICATORS			
LCD display	Operating load/ Battery status and voltage/ Input and output voltage measurement / Input and output frequency measurement/Supplied power		
Leds	Mains on, by-pass, inverter, low battery, overload, UPS failure		
Acoustics	Mains failure, overload, low battery		
COMMUNICATION			
Control software	UPSilon 2000		
Communications	RS232/ RS485 Connectios and dry contacts		
Indicators	Automatic functions checking: voltage, input/output frequency, load status, battery capacity, temperature, historic events, system analysis,7 alarms type: Beeper, network, e-mail, SMS, acoustic, telephone, windows warning		
SNMP card (optional)	SNMP Ethernet Conversor Optional		
PROTECTION			
Protections	Current limitation, overload, short-circuit & overtemperature		
Manual Bypass	No		
RFI filter	Yes		
STANDARDS			
Marks	CE		
Directives	EN 50091-2:1996 , EN 50091-2		
OTHERS			
Operation temperature	0-40°C		
Relative humidity	0-95% (non condensing or ice)		
Altitude without decreasing power	1000 over sea level		
Acoustic level	<55dBA	<60dBA	
Dimensions WxHxD (mm)	270x590x750	596x305x890	596x305x890
UPS weight * (Kgs)	85 (Batteries included)	120	130

* 6KVA models: 10' of autonomy weight and dimensions with internal batteries.
Rest of UPSs and autonomies, external battery module, consult weights and dimensions.

Specifications may be changed without notice