

AMAZONAS SERIES

On-line UPS double conversion with galvanic isolation from 10 to 15 KVA



Description



The Amazonas series UPS guarantee total protection for powers ranging from 10kVA 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 also be managed remotely through its powerful software.



Amazonas series



Rear connections
Amazonas < 8 KVA



Front connections
Amazonas ≥ 10 KVA

Features

- > On-line UPS double conversion with galvanic isolation
- > Microprocessor digital control technology
- > Power: 10 and 15 KVA
- > Galvanic insulation 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
- > Extended battery options available
- > RS232/ RS485 connection ports
- > Parallel N+1 optional
- > LCD display: information about status of UPS
- > SNMP card optional / RS232 Ethernet converter
- > Manual Bypass (20 KVA model)

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|---------------------------|----------------------|
| ① SNMP adapter (option) | ⑦ Terminals |
| ② RS232/RS485 | ⑧ Input switch |
| ③ Communication interface | ⑨ Maintenance switch |
| ④ Paralleled Bus | |
| ⑤ Battery switch | |
| ⑥ Bypass switch | |

domestic use network data centers medicine telecommunications security industrial



GENERAL SPECIFICATIONS		
Model	Amazonas 10	Amazonas 15
Reference	018125	018130
Power KVA	10	15
GENERAL		
Technology	On-Line, double conversion, with galvanic isolation	
Efficiency	>85%	
Overload	125%- 1 min-150% for 0,5 sec.	
INPUT		
Voltage range	180~270Vac	
Frequency	50 Hz ±5%	
OUTPUT		
Power (KVA/KW)	10/7	15/10.5
Voltage	230Vac ± 2%	
Output frequency	50Hz ±0,5% (battery mode)	
Type of wave	Pure sinewave	
Harmonic distortion	THD <3% (linear load and no lineal)	
Crest factor	3:1	
BATTERIES & BACKUP TIME		
Standard battery	Pb VRLA (lead battery with anti-leak seal)	
Backup time	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 Connections 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 Converter 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	<60dBA	
Dimensions	WxHxD (mm) 300x740x640 300x740x640	
UPS weight * (Kg)	85	145

Rest of UPSs and autonomies, external battery module, consult weights and dimensions.

Specifications may be changed without notice