



AEON DC 1224X UPS



UNINTERRUPTIBLE POWER SOLUTIONS FOR:

- Integrated Access Devices (IAD)
- Network Interface Units (NTU)
- Cable Telephony Modems
- Wireless Base Stations
- Wireless Local Loop Networks
- Fibre To The Home / Premise Interface Modules (FTTH/P)
- VoIP and VoDSL
- MTU / MDU
- Any 12VDC application up to 2 Amps DC

PRODUCT FEATURES:

- Universal input voltage
- Microprocessor-based intelligent control
- Communications interface
- Optional extendable runtime
- Audible Alarms for utility failure, low battery, overload and short circuit
- Temperature compensated charging
- Cold Start Capable



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ALPHA ENERGY

The Alpha Energy Aeon series DC UPS delivers up to two Amps of uninterruptible power to all equipment accepting 12VDC. Along with providing stable 12VDC the Aeon series is supplemented with a large 7 amp hour battery to ensure clean continuous long lasting emergency power in the event of a mains failure. The Aeon series UPS is perfectly suited for connection to network interface units, cable telephony modems, wireless base stations and fibre to the premise interface modules or integrated access devices (IAD). The UPS comes with a force on and force off button, buzzer on/off button, and provides communications signals through internally isolated open collector optocoupled transistors (On Battery, Replace Battery, Low Battery, Battery Missing). External batteries can be connected for extended runtime.

The UPS comes with robust output short circuit protection and an easy to replace hot swappable Sealed Lead Acid Battery securely fastened with a Velcro strap. Each UPS comes complete with a wall mounting template and screws for easy installation. The UPS is supported with a comprehensive 2 year warranty on the UPS and battery.

SPECIFICATIONS:

Model	Aeon DC 1224X
Input	
Voltage	240 Vac
Frequency Range	50 Hz
Output	
On Battery Output Voltage	12Vdc
Continuous Power Capability	24W
Output Power Max	24W
Efficiency (at 75% Max Load)	>75%
Battery	
Battery Type	Sealed Maintenance Free Lead-Acid Battery
Number of Battery	7.2AH/12V x 1
Typical Recharge Time	18 Hours
Replaceable	Yes
Surge Protection and Filtering	
Lightning / Surge Protection	Yes
Warning Diagnostics	
Indicators	POWER (AC Input & On Battery), DC Output, Check Battery
Management	
Auto-Charge	Yes
Communication Interface	On Battery, Replace Battery, Battery Missing, Low Battery
Maximum Dimensions (L x W x D)	16.4cm x 23cm x 7.8cm
Weight (kg)	3.5
Environment	
Operating Temperature	0-40°C
Operating Humidity	0-95% non condensing within enclosure
Max Operating Elevation	2,000m
Max Storage Elevation	15,000m
Storage Temperature	-15°C - 45°C



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