UPS

Vision Rack

Illustration photo

Description

The Vision Rack range, includes models from 800 VA to 1100 VA with sinusoidal digital technology.

The Vision Rack range, with its advanced communications and connectivity options, is the ideal solution for installations requiring superior protection and versatility in the power supply system.

Vision Rack is the ideal solution for the protection of peripheral network devices, conventional or rack servers, and network back-up systems.

The UPS provides efficiency levels of 98% and therefore reduced energy consumption.

The Vision Rack range uses Line Interactive technology and provides a sinusoidal output voltage.

Superior protection

The automatic voltage regulator (AVR) provides protection from surges, overvoltages and undervoltages, without battery intervention.

Reduced battery usage ensures that the battery set is 100% available for mains power supply failures and is able to provide greater autonomy. EMI filters then provide further protection from voltage surges and transients. When the mains power supply fails, the load is powered by the inverter and receives a perfectly sinusoidal supply for maximum power continuity and reliability.

High availability

An EnergyShare socket allows load shedding and the shutdown of less sensitive peripheral devices to extend battery runtime for critical loads.

"Hot Swap" batteries can be removed via the front panel for easy and safe UPS maintenance.

Battery test facility to detect deteriorating battery performance.

Deep discharge protection to reduce battery ageing.

Versatility

Vision Rack can be in 19" rack cabinets.

Vision Rack is equipped with an emergency power off (EPO) contact that allows for remote shutdown in emergency situations. Cold Start function to allow the UPS to power up with no mains power supply present. Vision Rackmodels have a backlit LCD display providing UPS status information, load and battery performance.

Advanced communication

Advanced multi-platform communications for all operating systems and network environments: PowerShield[3] monitoring and shutdown software agent, for Windows operating systems 8, 7, Hyper-V, 2012, 2008, and previous versions, Mac OS X, Linux, VMWare ESXi, Citrix XenServer and other Unix operating systems

- USB or RS232 serial port interface (selectable)
- Expansion slot for SNMP agent interface boards
- Status, measurements, alarms and input, output and battery parameters available on LCD display.

2 – year warranty

Technical specifications

Models	VSR 800	VSR 1100
Output power	800VA 640W	1100VA 880W
Input		
Nominal voltage	230 V$_{AC}$ (220,240 V selectable)	
Voltage range	162 V- 290 V	
Nominal frequency	50 or 60 Hz with automatic selection	
Frequency tolerance	±5% (3% to 10% configurable)	
Output		
Nominal voltage	230 Vac (220, 240 V selectable)	
Waveform	Sinusoidal	
Frequency	50 or 60 Hz with automatic selection	
Batteries		
Type	Maintenance-free lead-acid VRLA, AGM	
Charging time	4 - 6 h	
Others features		
Weight net (kg)	12	13
Weight gross (kg)	14,5	15,5
Dimensions (wxdxh) (mm)	19" x 420 x 1U	
Packaged dimensions (wxdxh) (mm)	595 x 540 x 140	
Protection	overcurrent – short-circuit - undervoltage - temperature - LVD	
Communication	USB /RS232 /slot for communications interface	
Input plugs	1 x IEC 320 C14	
Output plugs	4x IEC 320 C13	
Safety and EMC	EN 62040-1-1 and Directive 2006/95/EC; EN 62040-2 and Directive 2004/108 EC	
Operating temperature	0°C to +40 ºC	
Storage temperature	-15 °C / 45 °C	
Relative humidity	< 95% non condensing	
Color	Black	
Noise	< 50 dBA	
Standard equipment	Power cable, serial cable, USB cable, safety manual, quick start guide, user manual on CD-ROM	
Optional accessories		
Software	PowerShield[3], PowerNetGuard	
Accessories	NETMAN 204, MULTICOM 302, MULTICOM 352,MULTICOM 372,MULTICOM 382, MULTICOM 401,MULTI I/O,Interface kit AS400, MULTIPANEL,RTG 100	
	Universal rails for installation in rack cabinets	

Technical specifications

Details

IEC MAINS INPUT PLUG

IEC OUTPUT SOCKETS

EPO

USB PORT

RS232 SERIAL INTERFACE

A2B, s.r.o. reserves the right to change any specifications without prior notice. (V092016)