

# Vision Rack



LINE INTERACTIVE



Rack



USB plug



Plug & Play installation



Hot swap battery



Energy Share



**1:1** 800-1100 VA

## HIGHLIGHTS

- **Superior protection**
- **High availability**
- **Versatility**
- **LCD display**
- **Automatic voltage regulation (AVR)**

The Vision Rack range is available in 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 provides proven protection of peripheral network devices, servers, and network back-up systems.

### SUPERIOR PROTECTION

The Vision Rack range uses LINE INTERACTIVE technology and provides a sinusoidal output voltage. This technology provides efficiency levels of 98% and therefore reduced energy consumption.

It also ensures a high level of protection against mains power disturbances. 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

Cold Start function to allow the UPS to power up with no mains power supply present.

## DISPLAY

Vision models have a backlit LCD display providing UPS status information, load and battery performance.

## ADVANCED COMMUNICATIONS

- Advanced multi-platform communications for all operating systems and network environments: PowerShield<sup>3</sup> monitoring and shutdown software for Windows operating systems 10, 8, 7, Hyper-V, 2019, 2016, 2012, 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 interface boards;
- Status, measurements, alarms and input, output and battery parameters available on LCD display.

## FEATURES

- EnergyShare socket;
- Ability to switch on the UPS in the absence of mains power (Cold Start);
- Batteries are user replaceable without switching off equipment and without interruption to the load (Hot Swap);
- USB and RS232 interface;
- Slot for communications boards;
- Maximum reliability and protection of PCs thanks to PowerShield<sup>3</sup> monitoring and shutdown software, which can be downloaded free at [www.riello-ups.com](http://www.riello-ups.com);
- Highly reliable batteries (automatic and manually-activated battery test);
- Built-in short circuit protection;
- Auto restart (when mains power is restored, after discharge of the batteries);
- Emergency power off contact (EPO).

## 2-YEAR WARRANTY

## OPTIONS

### SOFTWARE

PowerShield<sup>3</sup>  
PowerNetGuard

### ACCESSORIES

NETMAN 204  
MULTICOM 302  
MULTICOM 352  
MULTICOM 372  
MULTICOM 384

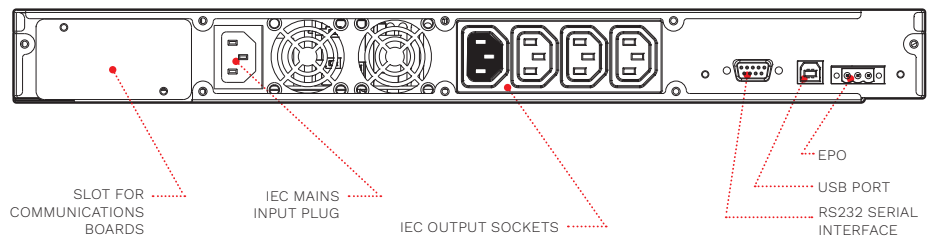
MULTI I/O  
MULTIPANEL

### PRODUCT ACCESSORIES

Universal rails for installation in rack cabinets

## DETAILS

### VSR 800/1100



<b>MODELS</b>	<b>VSR 800</b>	<b>VSR 1100</b>
<b>POWER</b>	<b>800 VA/640 W</b>	<b>1100 VA/880 W</b>
<b>INPUT</b>		
Rated voltage [V]	220 / 230 / 240	
Voltage tolerance [V]	162 - 290	
Rated frequency [Hz]	50 / 60 with automatic selection	
Frequency tolerance	±5% (3% to 10% configurable)	
<b>OUTPUT</b>		
Rated voltage [V]	230 (220, 240 selectable)	
Frequency [Hz]	50 or 60 with automatic selection	
Waveform	Sinusoidal	
<b>BATTERIES</b>		
Type	VRLA AGM maintenance-free lead based	
Recharge time	4-6 h	
<b>OVERALL SPECIFICATIONS</b>		
Net weight [kg]	12	13
Gross weight [kg]	14.5	15.5
Dimensions (WxDxH) [mm]	19"x420x1U	
Packaging dimensions (WxDxH) [mm]	595x540x140	
Protections	Overload - short circuit - overvoltage - undervoltage - temperature - excessive low battery	
Communications	USB / RS232 / slot for communications interface	
Input plugs	1 IEC 320 C14	
Output sockets	4 IEC 320 C13	
Standards	European directives: L V 2014/35/EU low voltage Directive EMC 2014/30/EU electromagnetic compatibility Directive Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant	
Ambient temperature for the UPS	0 °C - +40 °C	
Recommended temperature for battery life	+20 °C - +25 °C	
Colour	Black	
Range of relative humidity	5-95% non-condensing	
Noise [dBA]	<50	

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