



Vision



800-2000 VA
Single-phase

Highlights

- Superior protection
- Compact and contemporary design
- High availability
- Versatility
- LCD Display
- Advanced communication
- Automatic Voltage Regulator (AVR)



The VISION series is available in a Tower version (VST) from 800VA to 2000VA with digital sinewave technology. The VISION series, thanks to its connectivity and advanced communications, is the ideal solution for users who require a power solution offering superior protection and versatility. VISION is the best protection for peripheral network devices, servers, and network back-up systems.

High protection

The Vision series uses Line Interactive technology and provides a sinewave output. The UPS is 98% efficient with a low energy consumption. The UPS also provides a high level of protection against mains power disturbances. An AVR (Automatic Voltage Regulator) provides protection from brownouts, surges, overvoltages and undervoltage without battery intervention.

Reduced battery usage ensures that the battery set is 100% available for mains power failures.

EMI filters provide further protection from surges and transients. When the mains power supply fails, the load is powered by the inverter, providing a perfect sinewave for maximum power continuity and reliability.

High availability

A EnergyShare socket allows load-shedding and the shutdown of less critical peripheral devices to extend the battery runtime.

“Hot Swap” batteries can be removed from the front panel for easy and safe UPS maintenance.

Battery test facility to detect deteriorating battery performance and failure.

Deep discharge protection to reduce general battery ageing.

Versatility

“Cold start” function allowing the UPS to be powered up without a mains power supply present.

LCD Display

Vision UPS have a backlit LCD display providing UPS status information including the load and battery charge percentages.

Advanced communication

- Advanced communication, multi-platform, for all operating systems and network environments: PowerShield³ supervision and shutdownsoftware for Windows operating systems 7, 2008, Vista, 2003, XP, Linux, Mac OS X, Sun Solaris, Linux, Novell and other Unix operating systems.
- USB or RS232 (selectable)
- Expansion slot for SNMP network adapter card
- Status, measurements, alarms, and input, output and battery parameters available on the LCD display.

Features

- ECO LINE product
- EnergyShare socket
- Surge protected sockets for powering larger absorption loads such as laser printers
- Ability to switch on the UPS without a mains power supply (Cold Start)



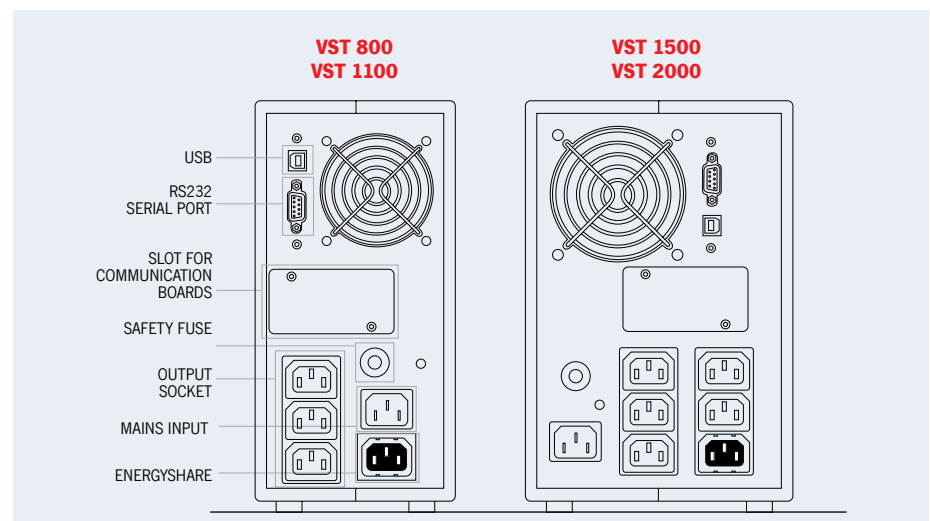
- User replaceable batteries (Battery Swap)
- USB Interface and RS232
- Slot for communication boards
- Maximum reliability and protection of PCs and file servers running PowerShield³ supervision and shutdownsoftware, downloadable free from www.riello-ups.com

- Short circuit protection
- Auto restart (when mains power is restored, after battery discharge)
- GS/Nemko Safety mark

2-YEAR WARRANTY

- Fully configurable using UPS Tools configuration software
- High reliability (automatic and manually activated battery test)

details



| MODELS | VST 800 | VST 1100 | VST 1500 | VST 2000 |
|---------------------------------|--|-------------|-----------------|--------------|
| POWER | 800VA/640W | 1100VA/880W | 1500VA/1200W | 2000VA/1600W |
| INPUT | | | | |
| Nominal voltage | 230 Vac (200, 208, 220, 240 V selectable) | | | |
| Voltage tolerance | 160 - 294 Vac | | | |
| Frequency | 50 or 60 Hz with automatic selection | | | |
| Frequency tolerance | ±5% | | | |
| OUTPUT | | | | |
| Nominal voltage | 230 Vac (200, 208, 220, 240 V selectable) | | | |
| Frequency | 50 or 60 Hz with automatic selection | | | |
| Waveform | Sinusoidal | | | |
| BATTERIES | | | | |
| Type | VRLA AGM lead acid maintenance free batteries | | | |
| Charging time | 4-6 h | | | |
| OTHER FEATURES | | | | |
| Net weight (kg) | 10.5 | 11.3 | 16.5 | 18.5 |
| Gross weight (kg) | 12.2 | 13 | 18.4 | 20.4 |
| Dimensions (hwd) (mm) | 247 x 120 x 443 | | 247 x 160 x 443 | |
| Packaging dimensions (hwd) (mm) | 342 x 208 x 530 | | 354 x 250 x 540 | |
| Protection devices | Overcurrent - short-circuit - overvoltage - undervoltage - temperature - excessive low battery | | | |
| Communication | USB / RS232 / slot for communications interface | | | |
| Input sockets | 1 IEC 320 C14 | | | |
| Output socket | 4 IEC 320 C13 | | 6 IEC 320 C13 | |
| Regulations | EN 62040-1-1 e direttiva 2006/95/EC EN 62040-2 e direttiva 2004/108 EC | | | |
| Ambient temperature | 0°C / +40°C | | | |
| Storage temperature | -15°C / 45°C | | | |
| Colour | Dark grey RAL 7016 | | | |
| Relative humidity | <95% non-condensing | | | |
| Noise level | < 50 dBA | | | |





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