



Suitability

Home Office	✗
Telecommunications	✓
Data Center	✓
SME Use	✓

REMEDIAL OR REPAIR ONLY

Riello Multi Sentry Dual Phase UPS - End Of Line

Deliver uncompromising power protection and operational efficiency with the Riello Multi Sentry UPS, a state-of-the-art solution that offers flexible configuration, advanced battery management, and a compact footprint for critical applications.

- Optimised Battery Performance and Extended Lifespan
- Flexible Configuration and Seamless Integration
- Advanced Communication and Remote Management

This Product is now end of its life and is available for remedial and repair only.

Features

- The MULTI SENTRY Battery Care System optimises battery performance, to help extend their working life and ensure that the UPS can deliver its full-rated back-up time when called upon in an emergency.
- MULTI SENTRY is designed to work with VRLA AGM and GEL lead-acid batteries including open-vented types, in addition to Ni-Cads. Specific management features include: One-level recharge to meet the requirements of the most common VRLA AGM batteries
- Two voltage level recharge meeting the IU characteristic
- Restricted charging to reduce electrolyte consumption and extend the life of VRLA batteries
- Temperature compensation: to avoid excessive voltage being applied to the batteries in a high ambient
- Battery test: to detect performance degradation and predict battery failure.
- Frequency conversion mode

- Power Share connections for priority-based load shedding when the mains power supply has failed
- Cold-start facility to switch the UPS on even without a mains power supply present
- Extensive backup time options using battery extension cabinets
- Optional battery cabinet temperature sensor to assist the temperature-compensating charger
- Optional battery chargers to optimise recharge times
- Optional dual input supplies
- Optional isolation transformers for Galvanic isolation and neutral connectivity
- Advanced multi-platform communication, for all operating systems and network environments: PowerShield³ monitoring and shutdown software included with SNMP agent
- Compatible with TeleNetGuard for the remote assistance service
- RS232 or USB serial port
- Three communication slots for accessories including network adapters and volt-free contacts
- REPO (Remote Emergency Power Off) to shut down the UPS remotely in an emergency
- Input for the connection of an auxiliary contact for an external manual bypass
- Input for synchronisation with an external power source
- Graphic mimic panel display for remote connection.
- Lowest footprint in its category - 0.26m² for the 20kVA MULTI SENTRY with internal batteries.
- High efficiency of up to 96% - saving up to 35% in dissipated energy in one year compared to a more traditional UPS (91%) resulting in a faster payback period of four years.
- High output power factor which at 0,9pF (1pF for models 160-200 kVA) provides up to 15% (20% for models 160-200 kVA) more active power compared to a more traditionally sized UPS - providing greater system expansion margin for further load increases.

Specifications

Manufacturer	Riello
Connectivity	Online
Configuration	Tower
Input Phase	Single or Three
Output Phase	Single
Communications	Optional SNMP Card
Input	Hardwired
Output	Hardwired

For a comprehensive breakdown of technical specifications, feature sets and compatibility information for each product variant, please access the dedicated 'Details' tab located adjacent to each listing.

Models

Model	SKU	kVA	Battery Type	Input Phase	Output Phase
Riello Multi Sentry Dual Phase UPS 10kVA (14mins)	MSM10-T1	10	T1 (14mins)	Single Or Three Phase	Single Or Three Phase
Riello Multi Sentry Dual Phase UPS 10kVA (28mins)	MSM10-T4	10	T2 (28mins)	Single Or Three Phase	Single Or Three Phase
Riello Multi Sentry Dual Phase UPS 15kVA (18mins)	MSM15-T4	15	T4 (18mins)	Single Or Three Phase	Single Or Three Phase
Riello Multi Sentry Dual Phase UPS 15kVA (8mins)	MSM15-T1	15	T1 (8mins)	Single Or Three Phase	Single Or Three Phase
Riello Multi Sentry Dual Phase UPS 20kVA (12mins)	MSM20-T4	20	T4 (12mins)	Single Or Three Phase	Single Or Three Phase
Riello Multi Sentry Dual Phase UPS 20kVA (5mins)	MSM20-T1	20	T1 (5mins)	Single Or Three Phase	Single Or Three Phase