

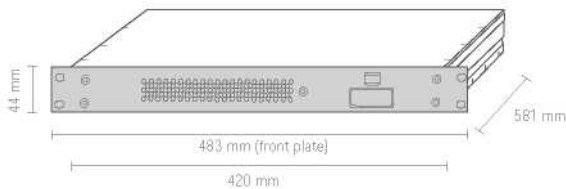
WHAD RACK

TOTAL PROTECTION IN RACK FORMAT

WHAD Rack 800 VA 1000 VA 1U Rack format



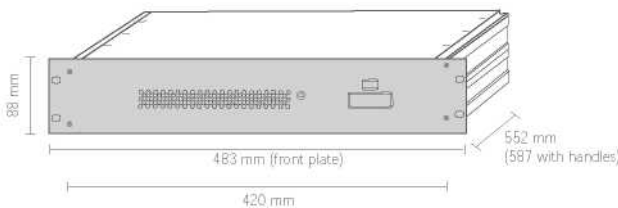
The WHAD Rack 800 VA and 1000 VA models are built in a 1 U rack format: the highest levels of technology and performance in the least possible space currently available on the market. Thanks to the use of Online Double Conversion (VFI) technology, zero transfer time is guaranteed along with total continuity of protection, identical waveform whether running on mains or on battery power, and the elimination of any power problem, be it in terms of waveform amplitude or frequency.



The technology applied to these UPS has made it possible to optimise production processes, reducing time and costs yet increasing product reliability. With 800 VA and 1000 VA power ratings, these UPS have just one circuit board with integrated power and control-diagnostics logic. The runtime of the WHAD Rack 1U can be extended, making it ideal for applications in networking, telecoms and data transmission.



WHAD Rack 1500 VA 2U Rack format



The WHAD Rack family also includes a 2U rack version providing 1500 VA of power, capable of fulfilling the needs of more demanding loads, requiring the protection offered by on line double conversion technology in a rack format. The UPS can also supply the protected load for lengthy periods of time, thanks to the possibility of connecting extra battery modules. Considering the reliability and flexibility offered by the uninterruptible power supplies in the WHAD Rack series, these are the best products for safeguarding total electrical protection for servers, networking, telecoms and data transmission systems.

| WHAD Rack accessories | Description | Part number |
|-----------------------|--|-------------|
| Battery Rack 48V | Extra battery cabinet in 19" rack format (only for the 800 - 1000 VA models) | P4957 |
| Battery Rack 72V | Extra battery cabinet in 19" rack format (only for the 1500 VA model) | P4957A |
| Splitter Cable | Y-cable for the battery cabinet to battery cabinet connection | |



SPECIFICATIONS WHAD Rack 800, 1000 1500

| Model | WHAD Rack 800 | WHAD Rack 1000 | WHADRack1500 |
|--|--|----------------|------------------------------------|
| SPECIFICATIONS | | | |
| Nominal Power [VA] | 800 | 1000 | 1500 |
| Active Power [W] | 560 | 700 | 1050 |
| Technology | On line double conversion (VFI) | | |
| INPUT | | | |
| Input Voltage [V] | 230 | | |
| Input Voltage Range [V] | 184 - 264 @ 100% load | | |
| Minimum Operating Voltage (on mains power) [V] | 100 @ 50% load | | |
| Input Power Factor | > 0.99 from 80% load | | |
| Input Frequency [Hz] | 50/60 ± 2% autosensing | | |
| OUTPUT | | | |
| Output Voltage [V] | 230 ± 1% | | |
| Output Frequency [Hz] | 50/ 60 synchronized | | |
| Output Voltage THD | < 1% | | |
| Wave form | Sinusoidal | | |
| Crest Factor | 3.5 : 1 | | |
| Overload capacity | 300% for 1 s - 200% for 5 s | | |
| BATTERIES | | | |
| Runtime @ 50% load [min] | 12 | 18 | 30 |
| Runtime @ 80% load [min] | 6 | 10 | 17 |
| Runtime Extendibility | Yes | | |
| GENERAL SPECIFICATIONS | | | |
| Bypass | Electromechanical, internally synchronized, automatic (for overload or anomaly) | | |
| Signals and Alarms | Multicolour status indicator and acoustic signalling | | |
| Communication Ports | N.1 RS232 port | | |
| UPS Communicator Software | Download free of charge from the website (www.metasystem.it) | | |
| Protection | Electronic protection against overload, short circuit, and excessive battery discharge Operation shutdown at end of runtime Inrush limitation when switching on Correct neutral connection sensor Back-feed protection (electrical safety insulation of the input plug when running in battery mode) | | |
| Output Sockets | 3-sockets multiple extension cord (Italian/Schuko) | | |
| MECHANICAL SPECIFICATIONS | | | |
| Net Weight [Kg] | 10,5 | 15,5 | 20,6 |
| Dimensions (W x H x D) [mm] | 483 (420 internal) x 44 (1 U) x 581 | | 483 (420 internal) x 88 (2U) x 552 |
| ENVIRONMENTAL DATA | | | |
| Working Temperature [°C] | 0 - 40 | | |
| Relative Humidity | 20% ^ 80% non condensing | | |
| Acoustic Noise @ 1 m [dBA] | < 40 | | |
| STANDARDS | | | |
| Standards | EN62040-1-1, EN50091-2, EN62040-3 | | |
| GUARANTEE | | | |
| Guarantee | 2 years, including batteries | | |
| ITEM CODE | P4486N | P4487N | P4488N |

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