

MODULYS RM

from 1500 to 9000 VA
an adaptable UPS
for 19" rack applications

A solution for the 19" rack

- The **Mod-RM** series enables the UPS and all the protected equipment (HUB, server, back-up units, etc.) to be integrated into a single 19" rack. These modules are prewired so that connection is easier, simplifying installation.

An adaptable system

- **Mod-RM** has been specifically designed for usage up to 9 kVA, which requires a combination of reliability and adaptability.
- The free slots in each model enable the **Mod-Power** to be added to provide redundancy for the system or to increase the power.

Modular back-up time

- In the same way, the spaces available enable the **Mod-Battery** to be added to increase back-up time.

Communication

- The system is managed via the **NETVISION** option, the SNMP/Web manager enables control of the UPS via a simple Internet Web Browser or by using an NMS (Network Management Station).

Development towards the systems

- Units bought separately (**Mod-TW** or **Mod-RK**) can be installed at a later date in a **Mod-System**, fulfilling your needs for modularity and redundancy.



Your protection for

- > Computer networks
- > Telecommunications
- > LAN/WAN networks



An adaptable system

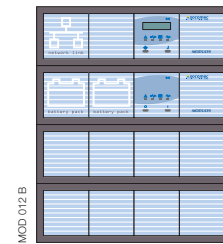
| Mod-RM | VA | Back-up time | | Expandable up to | |
|--------|------|---------------|-----------|------------------|-------------------|
| | | standard min. | max. min. | power VA | back-up time min. |
| 315 | 1500 | 8 | 120 | 4500 | 25 |
| 330 | 3000 | 8 | 65 | 9000 | 8 |

Range

For your needs from 1500 to 9000 VA



| Model | Mod-RM 315 |
|--------------|-------------------|
| Mod-Power | 1 x 1500VA |
| Battery pack | 1 |



| Model | Mod-RM 330 |
|--------------|-------------------|
| Mod-Power | 1 x 3000VA |
| Battery pack | 2 |

Standard equipment

- Two slots for communication boards.
- RS 232/485 serial port.
- Separate bypass input.

Accessories

- Temperature sensor.

Communication options

- 3 dry contacts relay card.
- Advanced communication card (1 relay and 3 inputs).
- Remote monitoring and control kit.
- **UNI VISION PRO** software [Info. p. 87].
- **NET VISION** interface for the LAN Ethernet network [Info. p. 87].



Technical data

Mod-Power

| MODULE UNIT POWER | 1500VA/1050W | 3000VA/2100W |
|---|--|--------------|
| Technology | VFI (Voltage and Frequency Independent) On line double conversion | |
| INPUT | | |
| Nominal input voltage | 230V (1 ph) ± 20 % (up to -30% at 70% nominal load) | |
| Frequency | 50/60Hz ± 10% | |
| Power factor/THDI | > 0.99/6% | |
| OUTPUT | | |
| Output voltage | 230V (1 ph) ± 3 % (adjustable 208/220/240V) | |
| Output frequency | 50 Hz - 60 Hz ± 2 % (±0.1% autonomous frequency)) | |
| Automatic bypass | Voltage selected ± 15% - frequency selected ± 2% | |
| Overload (mains mode) | (110% for one minute) (130% for 10 seconds) (200% for 5 cycles) | |
| Global efficiency | up to 91% in on line mode 97% in ECO MODE | |
| Acceptable crest factor | 3:1 | |
| ENVIRONMENT | | |
| Operating ambient temperature | 0°C to + 40°C 15°C to 25°C for best battery life | |
| Relative humidity | 0% - 90% without condensation | |
| Maximum altitude (above sea level) | 1000 m no de-rating (maximum 3000 m) | |
| Mod-System | | |
| Dimensions (batteries included) W x D x H (mm)/weight Mod-RM 3XX | 3 slots 19" x 550 x 12 U (RM 315 - 57 kg) (RM 330 - 68 kg) | |
| Sound level (ISO 3746) | < 52 dBA at 1 m | |
| Heat dissipation Watt | 780 | |
| Connections | Terminal | |
| Input | Terminal + 2 x IEC 320 C19 (16A) | |
| Output + power share | | |
| STANDARDS | | |
| Safety | (EN) IEC 62040-1-1 | |
| Performance & topology | (EN) IEC 62040-3 | |
| EMC standard | EN 50091-2/IEC 62040-2 | |
| Product certification | CE | |
| IP rating | IP 20 (compliant with IEC 60529) | |