

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

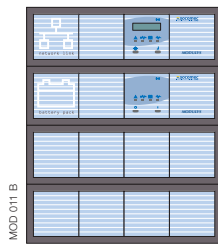


An adaptable system

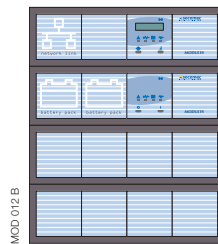
Mod-RM	VA	Back-up time		Expandable up to	
		standard min.	max. min.	power VA	back-up time min.
315	1500	8	120	4500	25
330	3000	8	65	9000	8

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. 93].
- **NET VISION** interface for the LAN Ethernet network [Info. p. 93].



Technical data

Mod-Power

MODULE UNIT POWER	1500 VA/1050 W	3000 VA/2100 W
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)	< 52dBA at 1 m	
Heat dissipation Watt	780	
Connections	Terminal	
Input	Terminal	
Output + power share	Terminal + 2 x IEC 320 C19 (16A)	
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)	