



Illustrative photo

**Rack-mounted 3-phase modular UPS system for easy, fully-assured and time-saving integration**

### Full rack integration

- Designed for easy and no-risk integration in 19" rack cabinets.
- Total compatibility with any 19" standard rack cabinet.
- High power density.
- Easy to manage, integrate and customise.
- Flexible simplified cabling.

### 'Forever Young' concept

- Exclusive life cycle extension programme.
- Eliminates end-of-life criticality.
- Based on an electronics-free cabinet + a set of plug-in parts.
- Module compatibility guaranteed for 20+ years.
- Allows for the implementation of future technology.

### Totally redundant design

- N+1, redundancy level.
- Designed for no single point of failure.
- No centralised parallel control.
- Totally independent power modules.

### Enhanced serviceability performance

- Fast & safe maintenance based on hotswap parts (power modules, bypass, electronic boards, batteries).
- Ready for concurrent maintenance.

### Standard electrical features

- Dual input mains.
- Internal maintenance bypass.
- Backfeed protection: detection circuit.
- EBS (Expert Battery System) for battery management.
- Battery temperature sensor.

### Electrical options

- 19" 4U battery rack.
- External battery cabinet.
- High capacity battery charger.
- ACS synchronisation system.

### Standard communication features

- User-friendly multilingual interface with color graphic display.
- 2 slots for communication options.

### Communication options

- Dry-contact, RS232/485 interfaces.
- MODBUS RTU.
- MODBUS TCP.
- BACnet/IP interface.
- NET VISION: professional WEB/SNMP interface for UPS monitoring and shutdown management of several operating systems.

### Total resilience

- Electronics-free (failure-free) sub-rack enclosure.
- Totally independent and self-sufficient modules.
- Real selective module disconnection with galvanic separation.
- No centralised control for parallel and load sharing management.
- Totally segregated, fully sized and centralised auxiliary mains bypass and distributed inverter bypass.
- Configurable N+1 redundancy (power & battery).
- No single point of failure.
- Redundant parallel bus connection (ring configuration).



# UPS MODULYS RM GP

## 25 - 75 kVA



### Technical data

MODULYS RM GP 2.0 25 -75 kVA		
Model	9U	15U
Number of power modules	1 to 2 x 25 kW	1 to 4 x 25 kW
Configuration	N, N+1 redundant	
Nominal power (kVA)	25 to 50 kVA	25 to 75 kVA
Active power (kW)	25 to 50 kW	25 to 75 kW
Input / output	3/3	
Input		
Voltage	400 V 3ph+N (340 V to 480 V)	
Rated frequency / tolerance	50/60 Hz /± 10 %	
Power factor / THDI	> 0.99 / < 3 %	
Output		
Voltage	380 / 400 / 415 V ±1 % 3ph+N	
Frequency	50/60 Hz ±0.1%	
Voltage distortion	< 1% (linear load), < 4% (non-linear load according to IEC 62040-3)	
Short-circuit current	up to 3 x In	
Overload	125% for 10 minutes, 150% for 1 minute	
Crest factor	3:1	
Hot – swap Bypass		
Voltage	Rated output voltage ±15% (configurable with from 10% to 20%)	
Frequency	50/60 Hz ±2% (configurable for GenSet compatibility)	
Weight	7 kg	7.5 kg
Efficiency		
Online double conversion mode	up to 96.5%	
Environment		
Ambient temperature	0 to 40 °C (15 to 25 °C for maximum battery life)	
Relative humidity	0 to 95 % without condensation	
Maximum altitude	1000 m without derating (max. 3000 m)	
Noise level at 1 m	< 53 dBA	
UPS rack		
Dimensions W x D x H	442 mm x 920 mm x 9 U	442 mm x 920 mm x 15 U
Weight (empty cabinet)	36 kg	42 kg
Degree of protection	IP20	
Hot – swap power module		
Height	3U	
Weight	34 kg	
Type	Hot plug-in / Hot-swappable	
MTBF	> 1000000 hours (calculated and verified)	
Hot – swap battery rack		
Type	Acid leak-proof - Long Life batteries	
Protection	Independent protection for each battery string	
Dimensions W x D x H	442 mm x 890 mm x 4 U	
Weight (empty rack)	15 kg	
Standards		
Safety	EN 62040-1, EN 60950-1	
EMC	EN 62040-2 Class C2	
Performance	EN 62040-3 (VFI-SS-111)	

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