

Standard electrical features

- Dual input mains.
- Built-in backfeed protection.
- EPO (Emergency Power Off).
- EBS (Expert Battery System) for battery management.
- Tropicalised (Conformal Coating) boards.

Standard communication features

- User-friendly 7" touch-screen multilingual colour graphic display (MC models).
- LCD multilingual graphic display (RM & TC models).
- 2 slots for communication options.
- USB port to download UPS report and log file.
- Ethernet port for service purpose.

Communication options

- Dry-contact interface (configurable voltage-free contacts).
- MODBUS RTU RS485 or MODBUS TCP.
- BACnet/IP interface.
- NET VISION: professional WEB/ SNMP Ethernet interface for secure UPS monitoring and remote automatic shutdown.
- IoT gateway for Socomec cloud services and SOLIVE UPS mobile app.
- Remote touch-screen panel.

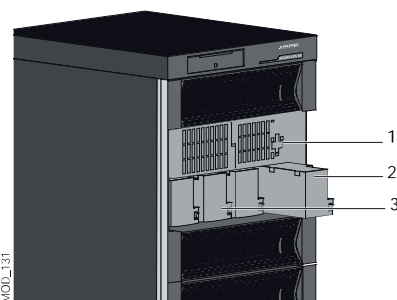
Remote monitoring and cloud services

- LINK-UPS: Socomec 24/7 remote monitoring service connecting your installation to the nearest Socomec Service Centre.
- SOLIVE UPS: mobile app enabling the monitoring of the UPS systems from a smartphone.

Technical data

MODULYS XS						
UPS SYSTEM						
Model	MC		RM		TC	
Slot	9	6	4	3	3	
Power (Sn)	up to 20 kVA			up to 15 kVA		
Power (Pn)	up to 20 kW			up to 15 kW		
Power factor	1					
Number of power modules	4			3		
Input/Output	X/1					
Redundant configuration	N+x					
INPUT						
Rated voltage	230 V 1ph+N (±20%), 400 V 3ph+N (±20%)					
Frequency	50/60 Hz ±10%					
Power factor	> 0.99					
OUTPUT						
Voltage	230 V (1ph) ± 3% (can be set 208/220/240 V)					
Frequency	50/60 Hz ±2% (±0.1% in battery mode)					
Overload	110% for 1 minutes, 130% for 10 seconds, 200% for 5 cycles					
BYPASS						
Voltage	rated output voltage ±15%					
Frequency	50/60 Hz ±2% (configurable for GenSet compatibility)					
EFFICIENCY						
Online double conversion mode	up to 92.8%					
ENVIRONMENT						
Ambient temperature	0 to 40 °C (15 to 25 °C for maximum battery life)					
Relative humidity	0 to 95% without condensation					
Maximum altitude	2000 m without derating					
UPS CABINET						
Display	7" touch			3.5"		
Dimensions (mm)	W	550	550	449	449	600
	D	635	635	570	570	600
	H	1460	1060	708	575	1400
Weight (kg) (empty cabinet)		120	90	50	44	140
Colour	RAL 7016					
Degree of protection	IP20					
STANDARDS						
Safety	IEC 62040-1: 2017 (CB Report)					
EMC	IEC 62040-2: 2005					
Product declaration	CE: RCM: EAC					

Unit dimensions and weights



1. Plug-in Power Module
2. Plug-in Battery Module
3. Plug-in Battery Pack

	POWER MODULES	
Power (kVA/kW)	2.5	5
Input/Output	1/1	X/1
Dimensions (mm) W x D x H	446x475x131	446x475x131
Weight (kg)	14	18

	BATTERY MODULE
Battery voltage	48 V
Dimensions (mm) W x D x H	446x475x131
Weight (kg)	10

	BATTERY PACK
Type	sealed lead-acid (normal-life & long-life)
Battery voltage	48 V
Weight (kg)	9