

Flexible UPS architecture

- Hot-scalable power capability.
- Adjustable redundancy level.
- Common or separated rectifier and bypass mains.
- Compatible with different energy storage technologies (e.g. Li-Ion, Ni-Cd...).

Standard electrical features

- Separated inputs (rectifier, bypass).
- Top or bottom cable entry.
- Backfeed protection: detection circuit.
- Redundant bypass cooling.
- Distributed batteries (1 per module).
- Battery temperature sensor.
- Module heat-run test⁽³⁾.
- Full system heat run test⁽³⁾.
- 63 A three-phase plug.

Electrical options

- Input, output and maintenance bypass switches.
- 3-wire bypass and output distribution kit.
- PEN kit for TN-C grounding system.
- 4-wire rectifier (neutral connection kit).
- Shared batteries (1, 2 or 3 per unit).
- Enhanced battery charger.
- Battery tripping kit.
- Unit parallelisation kit.
- Redundant electronic power supplies.
- BCR (Battery Capacity Re-injection).
- ACS synchronisation system.
- Cold start.
- Top roof.

Standard communication features

- User-friendly 7" touch-screen multilingual colour graphic display (Power Hub).
- Tricolour display with a number indicating the Power Module status (Power Slot).
- 2 slots for communication options.
- USB port to download the UPS reports and log files.
- Ethernet port for service purposes.

Communication options

- Dry-contact interface (configurable, voltage-free contacts).
- MODBUS RTU RS485 or MODBUS TCP.
- PROFIBUS / PROFINET gateway.
- BACnet/IP interface.
- NET VISION: professional WEB/SNMP Ethernet interface for secure UPS monitoring and remote automatic shutdown.
- REMOTE VIEW PRO supervision software
- IoT gateway for Socomec cloud services and the SOLIVE UPS mobile app.
- Remote touch-screen panel.
- Additional Com-slot extension.

Technical data

MODULYS XL	
UPS UNIT	
Power Module rated power	200 kVA/kW
Unit rated power	200 to 1200 kVA/kW
Number of Power Modules	1 to 6
Number of Power Slots	1 to 6
Number of Units per System	up to 4 units in parallel
Redundant configuration	N+x
RECTIFIER INPUT	
Voltage	400 V 3ph (200 to 480 V ⁽¹⁾)
Frequency	50/60 Hz ± 5 Hz
Power factor/THDI	>0.99 / <2.5% ⁽²⁾
OUTPUT	
Power factor	1 (according to IEC/EN 62040-3)
Voltage	400 V 3ph+N (380/415 V configurable)
Frequency	50/60 Hz (configurable) ± 0.01 Hz - free-running
Voltage distortion (Ph/Ph)	ThdU $\leq 1.5\%$ (linear load)
BYPASS	
Voltage	Rated output voltage $\pm 15\%$ (configurable)
Frequency	rated output frequency ± 5 Hz (configurable for Genset compatibility)
POWER HUB	
Dimensions W x D x H	1200 x 975 x 2120 mm
Weight	750 kg
POWER SLOT	
Dimensions W x D x H	550 x 975 x 2120 mm
Weight	130 kg
POWER MODULE	
Dimensions W x D x H	500 x 950 x 1940 mm
Weight	450 kg
Type	Hot plug-in / Hot-swappable
MTBF	1,000,000 hrs
Online efficiency (double conversion mode)	up to 97%
ENVIRONMENT	
Operating ambient temperature	from 0 °C to +40 °C
Relative humidity	0-95 % without condensation
Maximum altitude	1000 m without derating
Acoustic level at 1 m	<75 dBA
Short-circuit withstanding (Icw)	100 kA - Symmetrical
STANDARDS	
Safety	IEC/EN 62040-1
EMC	IEC/EN 62040-2
Performance	IEC/EN 62040-3
Environmental	IEC/EN 62040-4
Product declaration	CE, EAC

(1) Conditions apply.

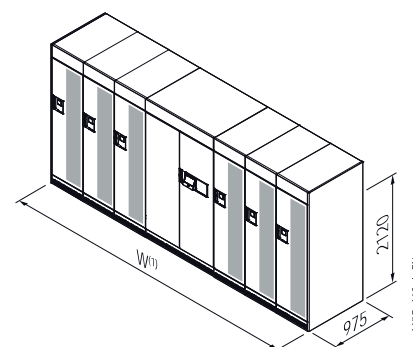
(2) At full rated voltage; with input THDV <1%

(3) Without dummy load bench.

Remote monitoring and cloud services

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

Unit dimensions and weights



	Unit			
Number of Power Slots	3	4	5	6
Maximum power (kVA/kW)	600	800	1000	1200
Width ⁽¹⁾ (mm)	2890	3440	3990	4540
Weight ⁽²⁾ (kg)	2500	3100	3650	4250

(1) Width includes left and right side panels.

(2) Weight for the unit fully equipped with power modules.