

Standard electrical features

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

Electrical options

- External battery cabinet.
- High capacity battery charger.
- ACS synchronisation system.
- Internal backfeed isolation device.
- Gen-set compatibility (via dry-contact interface).

Standard communication features

- User-friendly 7" touch-screen multilingual colour graphic display.
- 2 slots for communication options.
- USB port to download UPS report and log file
- Ethernet port for service purpose
- Commissioning wizard

Communication options

- Dry-contact interface (configurable voltage-free contacts).
- MODBUS RTU RS485 or MODBUS.
- BACnet/IP interface.
- NET VISION: professional WEB/SNMP Ethernet interface for secure UPS monitoring and remote automatic shutdown.
- REMOTE VIEW PRO supervision software.

Technical data

	MODULYS GP		
	UPS SYSTEM		
Power (Sn)	25 to 200 kVA	25 to 400 kVA	25 to 600 kVA
Power (Pn)	25 to 200 kW	25 to 400 kW	25 to 600 kW
Number of power modules	1 to 8	1 to 16	1 to 24
Input / output	3/3		
Redundant configuration	N+x		
INPUT			
Voltage	400 V 3ph+N (340 V to 480 V)		
Frequency	50/60 Hz ±10%		
Power factor / THDI	> 0.99 / < 1.5%		
OUTPUT			
Power factor	1 (according to IEC/EN 62040-3)		
Voltage	380/400/415 V ±1% 3ph+N		
Frequency	50/60 Hz ±0.1%		
Voltage distortion	< 1% (linear load), < 3% (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		
BYPASS			
Voltage	rated output voltage ±15% (configurable with from 10% to 20%)		
Frequency	50/60 Hz ±2% (configurable for GenSet compatibility)		
EFFICIENCY (TÜV SÜD VERIFIED)			
Online double conversion mode	up to 96.5%		
ENVIRONMENT			
Ambient temperature	0 °C to 40 °C (15 to 25 °C for maximum battery life)		
Relative humidity	0 to 95% without condensation		
Maximum altitude	1000 m without derating (3000 m max)		
Acoustic level at 1 m	< 55 dBA		
SYSTEM CABINET			
Width	600 mm	2 x 600 mm (combinable system) 2010 mm (fully integrated solution)	3 x 600 mm (combinable system) 2610 mm (fully integrated solution)
Depth	890 mm		
Height	1975 mm		
Weight (empty cabinet)	210 kg	2 x 210 kg (combinable system) 780 kg (fully integrated solution)	3 x 210 kg (combinable system) 1010 kg (fully integrated solution)
Degree of protection	IP20		
STANDARDS			
Safety	IEC/EN 62040-1, AS 62040.1.1, AS 62040.1.2		
EMC	IEC/EN 62040-2 Class C2, AS 62040.2		
Performance	VFI-SS-111 - IEC/EN 62040-3, AS 62040.3		
Seismic compliance	Uniform Building Code UBC:1997, IEC 60068-2-57:2013		
Environmental	IEC/EN 62040-4		
Product declaration	CE, RCM (E2376), EAC		
POWER MODULE			
Height	3U		
Weight	34 kg		
Type	Hot plug-in / Hot-swappable		
MTBF	> 1.000.000 hours (calculated and verified)		

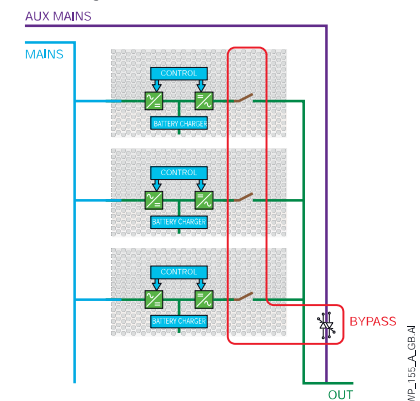
- IoT gateway for Socomec cloud services and SOLIVE UPS mobile app.
- Remote touch-screen panel.

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.

Hybrid bypass architecture

- Distributed Inverter bypasses in parallel to segregated centralized Aux Mains bypass creating a redundant solution.



Best practice award

Frost & Sullivan has awarded SOCOMECS its prize for Innovation & Excellence in Developing Scalable, Best-in-Class Products and Solutions.

SOCOMECS's vast expertise and technological know-how in modular UPS solutions have enabled it to develop a new modular, three-phase UPS that employs the latest cutting-edge technology combined in a unique design and architecture.

Our dedicated Expert Services for UPS

We offer services to ensure your UPS highest availability:

- > Commissioning
- > On-site intervention
- > Preventive maintenance visits
- > 24-hour call out and rapid on-site repairs
- > Maintenance packages
- > Training
- > Remote monitoring service



www.socomec.com/services