

# MASTERYS GP4

Superior reliability and performance  
from 10 to 160 kVA/kW



### The solution for

- > Small & medium-sized data centres
- > Banks
- > Medical facilities
- > Medical devices
- > Telecom & media infrastructure
- > Transport
- > Control rooms

### Certifications and attestations



The MASTERYS GP4 series is certified by TÜV SÜD with regard to product safety (EN 62040-1).



Seismic resistant  
The MASTERYS GP4 units have successfully passed severe tests to verify their resistance to withstand Zone 4 seismic events.



### Superior design and reliability

- Oversized design margin: reliability first.
- Certified seismic resistance.
- Superior and officially attested MTBF.
- Long product life expectancy.

### Unrivalled serviceability

- Innovative maintenance thanks to brick architecture.
- Rapid repairs: 5 times faster than legacy UPS.
- Totally front access maintenance.

### Embedded digital technology

- IoT ready device for access to connected services.
- eWIRE mobile app for AR guided installation and reporting.
- SoLive UPS mobile app for remote control and anomaly notification.
- Easy integration in LAN/WAN and virtual environments.

### Certified performance

- Full performance up to 40 °C without derating and without specific conditions.
- Energy savings - without compromise: 96.5% efficiency in VFI.
- Up to 99% efficiency in "ECO" mode.
- Performance tested and verified by TÜV SÜD.

### User and environmentally friendly

- Ergonomics designed to simplify usage.
- Ready for upcoming eco-regulations.
- RoHS compliant.
- Halogen-free cables.
- 25+ languages available on the mimic panel.

### Extended and flexible back-up time

- High density internal battery engineering reduces footprint significantly.
- Internal battery up to 80 kW included.
- Fast recharge - even for very long back-up time.
- Li-Ion battery technology-ready.

### Advantages

**3**  
LEVEL  
TECHNOLOGY

**96.5**  
%  
EFFICIENCY

**PF**  
**1**

**RoHS**  
COMPLIANT

**Li-Ion**  
Ready for Li-Ion battery

### eWIRE

Download on the  
App Store

GET IT ON  
Google Play

QR CODE 219 A GB

### SoLive UPS

Download on the  
App Store

GET IT ON  
Google Play

## System features

- Dual input mains.
- Internal maintenance bypass switch.
- Input mains switch breaker.
- Output switch breaker.
- Auxiliary mains switch breaker.
- Backfeed protection: detection circuit.
- Full compatibility with generators.
- Normal and long-life battery up to 80 kW.
- Distributed or shared battery for energy storage optimization on parallel systems.

## Remote monitoring and cloud services

- SoLink: 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.

## Standard communication features

- User-friendly 7" touch screen with multilingual colour graphic display (60-160 kVA/kW).
- 2 slots for communication options.
- USB port for downloading UPS report and log file.
- Ethernet port for service purposes.

## System options

- 3-phase input without neutral.
- Internal backfeed isolation device.
- Common mains coupling bars.
- TN-C grounding system.
- ACS synchronization system.
- IP21 degree of protection.
- Top cabling kit.
- Top ventilation kit.
- Redundant bypass fan.
- Seismic bracing kit.

## Communication options

- Dry-contact interface (configurable voltage-free contacts).
- MODBUS RTU RS485 or TCP.
- PROFIBUS 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 SoLive UPS mobile app.
- Remote touch-screen panel.
- User-friendly 7" touch screen with multilingual colour graphic display (10-40 kVA/kW).

## Technical data

MASTERYS GP4										
Sn [kVA]	10	15	20	30	40	60	80	100	120	160
Pn [kW]	10	15	20	30	40	60	80	100	120	160
Input / output 3/1	•	•	•	-	-	-	-	-	-	-
Input / output 3/3	•	•	•	•	•	•	•	•	•	•
Parallel configuration	up to 6 units									
INPUT										
Rated voltage	400 V 3ph+N (3 wire input also available on demand)									
Voltage tolerance	240 V to 480 V									
Rated frequency	50/60 Hz ± 10%									
OUTPUT										
Power factor	1 (according to IEC / EN 62040-3)									
Rated voltage	1ph + N: 230 V (can be configured 220/240 V) 3ph + N: 400 V (can be configured 380/415 V)									
Rated frequency	50/60 Hz									
EFFICIENCY (TÜV SÜD VERIFIED)										
Double conversion VFI mode	up to 96.5%									
Eco Mode	up to 99%									
BATTERIES										
Technologies	VRLA, NiCd, Li-Ion Battery									
INTERNAL BACK-UP TIME (MINUTES) <sup>(1)</sup>										
S4	31	19	13	7	5	-	-	-	-	-
M4	90	57	40	24	17	-	-	-	-	-
T6	-	-	-	-	-	11	8	-	-	-
ENVIRONMENT										
Operating ambient temperature	full performance up to +40 °C									
UPS CABINET										
Weight	depends on the number of batteries installed - contact us									
Degree of protection	IP20 (IP21 on demand)									
Colours	RAL 7016									
ADVANCED SERVICE PERFORMANCE										
Life extension	service programme to avoid end of life									
Quick repair	5 times less MTTR than legacy UPS by removable front access parts									
STANDARDS										
Safety	IEC/EN 62040-1									
EMC	IEC/EN 62040-2									
Performance	EN 62040-3									
Environmental	full compliance with the RoHS EU directive									
Seismic compliance	on demand, in accordance with the Uniform Building Code UBC-1997 Zone 4									
Product declaration	CE, EAC, UKCA									

(1) @80% of rated load PF 1.

## Designed for availability

> MTBF VFI\*: 350,000 hrs

\* Officially attested.

## UPS dimensions (WxDxH)

