UPS MASTERYS GP4 RK 10 - 40 kVA

illustrative photo

The solution for

- Edge data centres
- Banks
- Telecom & media infrastructure

Certified performance

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

Embedded digital technology

- IoT-ready device for access to connected services.
- SOLIVE UPS mobile app for remote control and anomaly notification.
- Easy integration in LAN/WAN and virtual environments.
- Safe guided repair procedure.

Engineered for easy integration

- Fits within existing 19" cabinet.
- Lithium battery option.
- Fast recharge - even for very long back-up time.

Front access maintenance

- Easy maintenance - innovative brick swap architecture.
- Power brick replacement without rack disconnection.
- Minimized risk of human error.
- Rapid repairs: 5 time faster than legacy UPS.

System features

- Dual input mains.
- Internal maintenance bypass switch.
- Input mains switch breaker.
- Output switch breaker.
- Auxiliary mains switch breaker.
- Backfeed protection: detection circuit.
- Power walk-in ramp for full compatibility with generators.

Standard communication features

- 3.5" multilanguage graphic display.
- 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 synchronisation system.

Communication options

- Dry-contact interface (configurable voltage-free contacts).
- MODBUS RTU RS485 or 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 SOLIVE UPS mobile application.
- Remote touch-screen panel.

Remote monitoring and cloud services

- LINK-UPS: Remote monitoring service that allows to monitor your UPS by specialist 24 hours a day.
- SOLIVE UPS: mobile app enabling the monitoring of the UPS from a smartphone.

Technical data

MASTERYS GP4 RK					
Apparent power (kVA	10	15	20	30	40
Active power (kW)	10	15	20	30	40
Input / Output	3/1 and 3/3			3/3	
Parallel configuration	up to 6 units UPS				
INPUT					
Rated voltage	400 Vac 3f + N				
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	1f+N 230 V (can be configured 220/240 V) 3f+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 %				
BATTERY					
Technologies	VRLA, NiCd, Li-Ion Battery				
Battery type	normal life - long life				
Configuration	external separated or shared				
RELIABILITY (MTBF)					
MTBF (VFI)	> 500 000 hrs (attested)				
MTBF (UPS)	> 12,000,000 hrs (attested)				
ENVIRONMENT					
Operating ambient temperature	full performance up to +40 °C (without specific conditions)				
UPS CABINET					
19" rack - height	7U				
Dimensions š x h x v (mm)	442 x 820 x 305				
Weight	79 kg max [1]				
Display	3,5"				
Backup battery	external batteries				
Degree of protection	IP20				
Colours	RAL 7016				
STANDARDS					
Safety	IEC/EN 62040-1, AS 62040.1.1, AS 62040.1.2				
EMC	IEC/EN 62040-2, AS 62040.2				
Performance	IEC/EN 62040-3, AS 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, RCM (E2376)				

1) According to the model.

Spoločnosť A2B, s.r.o. si vyhradzuje právo zmeny uvedených údajov bez predchádzajúceho upozornenia. (76-000492-01)

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