Product data sheet

Specifications



Galaxy VS UPS 40kW 208V, 3 internal 9Ah smart modular battery strings, expandable to 5, Start-up 5x8

GVSUPS40KB5FS

| Ov | erv | view |
|----|-----|------|
| | | |

Presentation

Lead time

Usually Ships within 2 Weeks

Main

| Main Input Voltage | 208 V 3 phases |
|----------------------|--------------------------------|
| Other Input Voltage | 200 V |
| | 220 V |
| Main Output Voltage | 208 V 3 phases |
| Other Output Voltage | 200 V |
| | 220 V |
| Rated power in W | 40 kW |
| Rated power in VA | 40 kVA |
| Battery type | Internal modular battery |
| | VRLA |
| Provided equipment | Dust filter |
| | Installation manual |
| | Integrated network management |
| | Battery modules ship installed |
| | Start-up service |
| | EcoStruxure Ready |
| | |

Batteries & Runtime

| Efficiency | View Efficiency Graph |
|---------------------------|-----------------------|
| Battery voltage | 480 V |
| Discharge battery voltage | 384 V DC |
| Max current discharge | 109 A |
| Battery power in VAH | 0 VAh runtime |
| Extended runtime | 0 |

General

| Redundant | No |
|---------------------------|------------------------------------|
| product or component type | Uninterruptible power supply (UPS) |

Physical

| - | |
|----------------|---------|
| Colour | White |
| Height | 197 cm |
| Width | 55 cm |
| Depth | 84.7 cm |
| net weight | 680 kg |
| USB compatible | No |

Input

| • | |
|----------------------------------|--|
| Network frequency | 4070 Hz |
| Input voltage limits | 177239 V 208 V |
| Maximum input current | 143 A |
| Max short time withstand current | 65 kA |
| Input harmonic distortion | Less than 3 % for full load |
| Load power factor | From 0.7 leading to 0.7 lagging without any derating |
| Input Power Factor at Full Load | 0.99 |

er Factor at Full Load 0.99

Output

| • | |
|------------------------------------|--|
| Maximum configurable power in W | 40 kW |
| Harmonic distortion | Less than 5 % |
| Output frequency | 50 Hz sync to mains 60 Hz sync to mains |
| Crest factor | 2.5 |
| Wave type | Sine wave |
| Output voltage tolerance | +/-1% after 50ms |
| Output harmonic distortion | < 1% linear load and < 5% non-linear load |
| Output overload operation | 10 minutes at 125% and 60 seconds at 150% |
| Bypass type | Built-in static bypass |
| Maximum configurable power in | 40 kVA |

VA

Conformance

| Standards | CSA C22.2 No 107.3 FCC part 15 class A IEC 62040-1-1 IEC 62040-2 |
|-----------|---|
| | IEC 62040-2 |
| | IEC 62040-3 |
| | UL 1778 5th edition |
| | OSHPD |

Environmental

| Ambient air temperature for operation | 040 °C |
|---------------------------------------|-----------------------|
| Relative humidity | 095 % non-condensing |
| Operating altitude | 03300 ft |
| Ambient air temperature for storage | -1540 °C |
| Storage Relative Humidity | 1080 % non-condensing |

| Storage altitude | 0.0000000003048.000000000 m |
|-------------------------|-----------------------------|
| Acoustic level | 57 dBA |
| heat dissipation | 7428 Btu/h |
| IP degree of protection | IP20 |

Communications & Management

| control panel | Touch screen LCD user interface |
|------------------------------|---------------------------------|
| Packing Units | |
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 197 cm |
| Package 1 Width | 55 cm |
| Package 1 Length | 84.7 cm |
| Package 1 Weight | 680 kg |

Contractual warranty

Warranty

1 year on-site repair or replace with factory authorized Start-Up

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Sustainability

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

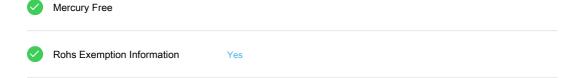


Resource performance

Energy Efficient Product

Take-Back Program Available

Well-being performance



Certifications & Standards

| Reach Regulation | REACh Declaration |
|--------------------------|-------------------------------|
| Eu Rohs Directive | Compliant with Exemptions |
| China Rohs Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |