

Product datasheet

Specifications



Galaxy PWi 40KVA 3:1 Integrated Parallel UPS 220VAC 6 Pulse 384VDC, Start-up 5X8

G1W40MU6PHS

⚠ Discontinued on: 7 Dec 2021

⚠ End-of-service on: 18 Oct 2023

⚠ Discontinued

Overview

| | |
|--------------|--|
| Presentation | A versatile 3:1-phase UPS for facility, industrial and data center applications. Configurable system with a comprehensive range of accessories to meet your application demands. |
| Lead Time | Usually Ships within 2 Weeks |

Main

| | |
|-----------------------|--|
| Main Input Voltage | 380 V 3 phases |
| Other Input Voltage | 400 V |
| Main Output Voltage | 220 V |
| Other Output Voltage | 230 V |
| Rated Power In W | 32000 W |
| Rated Power In Va | 40000 VA |
| Output Connector Type | Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1 |
| Battery Type | External battery system |
| Provided Equipment | Installation guide User manual |

Batteries & Runtime

| | |
|--------------------------------|--|
| Number Of Battery Filled Slots | 0 |
| Number Of Battery Free Slots | 0 |
| Additional Information | Configurable for 220 or 230 V 1 Phase nominal output voltage |
| Battery Power In Vah | 0 VAh runtime |
| Extended Runtime | 0 |

General

| | |
|-----------------------------------|--|
| Product Web Sub-Family | PWi |
| Bypass Wiring Configuration | 4 wire (3P + N) 5 wire (3P + N + E) |
| Bypass Voltage Tolerance | +/- 25 % |
| Max Bypass Input Current | 180 A |
| Number Of Power Module Free Slots | 0 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|-------------------------------------|----|
| Number Of Power Module Filled Slots | 0 |
| Redundant | No |

Physical

| | |
|---------------------|---------------|
| Height | 180 cm |
| Width | 80 cm |
| Depth | 80 cm |
| Net Weight | 412 kg |
| Mounting Preference | No preference |
| Usb Compatible | No |

Input

| | |
|----------------------------------|--|
| Network Frequency | 45...55 Hz |
| Number Of Input Connectors | 1 hard wire 4-wire (3P + E) 1 hard wire 5-wire (3P + N + E) |
| Input Voltage Limits | 380 V |
| Maximum Input Current | 90 A |
| Switching Current Capacity | 125 A |
| Max Short Time Withstand Current | 36 kA |
| Input Harmonic Distortion | Less than 30 % for full load |
| Input Protection Type | Circuit breaker |
| Load Power Factor | 0.8 |
| Input Power Factor At Full Load | 0.75 |

Output

| | |
|------------------------------------|---|
| Maximum Configurable Power In W | 32000 W |
| Harmonic Distortion | Less than 5 % |
| Output Frequency | 50 Hz sync to mains 50 Hz +/- 0.1 % unsynchronised |
| Crest Factor | 3 : 1 |
| Wave Type | Sine wave |
| Output Voltage Tolerance | +/- 1% static |
| Output Harmonic Distortion | < 3% linear load and < 5% non-linear load |
| Output Overload Operation | 10 minutes at 125% and 60 seconds at 150% |
| Required Output Current Protection | 450 A |
| Neutral Output Current | 180 A |
| Bypass Type | Built-in maintenance bypass Built-in static bypass |
| Efficiency | 90 % (full load) 82 % (half load) |
| Maximum Output Current | 450 A |
| Maximum Configurable Power In Va | 40000 VA |

Conformance

| | |
|-----------|---|
| Standards | IEC 61000-4-5 protection surge IEC 62040-2 EMC/EMI IEC 62040-1 safety |
|-----------|---|

Environmental

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|---------------------------------------|-------------------|
| Ambient Air Temperature For Operation | 0...35 °C |
| Relative Humidity | 0...95 % |
| Operating Altitude | 0...3300 ft |
| Ambient Air Temperature For Storage | -25...55 °C |
| Storage Relative Humidity | 0...95 % |
| Storage Altitude | 0.00...10058.40 m |
| Acoustic Level | 60 dBA |
| Ip Degree Of Protection | IP20 |

Communications & Management

| | |
|---------------------|--|
| Free Slots | 1 |
| Control Panel | Multifunction LCD status and control console |
| Emergency Power Off | Yes |

Packing Units

| | |
|------------------------------|----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 202.5 cm |
| Package 1 Width | 93 cm |
| Package 1 Length | 93 cm |
| Package 1 Weight | 492 kg |

Contractual warranty

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

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class 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.

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Eu Rohs Directive

Under investigation

