# Product data sheet

Specifications



## Galaxy VS 75kW 208V for external batteries, Start-up 5x8

GVSUPS75KFS

## Overview

| | |
|---|---|
| **Presentation** | Highly efficient, easy-to-deploy 75kW, 208V 3-phase UPS that brings best-in-class power protection and low total cost of ownership to edge, small and medium data centers, as well as to critical infrastructure in commercial and industrial applications. Includes 5x8 start-up service. |
| **Lead time** | Usually Ships within 2 Weeks |

## Main

| | |
|---|---|
| **Main Input Voltage** | 208 V 3 phase |
| **Other Input Voltage** | 200 V<br>220 V |
| **Main Output Voltage** | 208 V 3 phase |
| **Kw Rating** | 75 kW |
| **Rated power in VA** | 75 kVA |
| **Battery Type** | External battery system<br>Li-Ion (Lithium Ion)<br>VRLA |
| **Provided equipment** | Dust filter<br>EcoStruxure IT ready (UPS)<br>Installation guide<br>Integrated network management<br>Power modules ship installed<br>Start-Up Service |
| **Range of Product** | Galaxy VS |
| **Range Compatibility** | Galaxy VS |

## Batteries & Runtime

| | |
|---|---|
| **Efficiency** | View Efficiency Graph |
| **Battery Voltage** | 384-480VDC |
| **End of Discharge Battery Voltage** | 307 V DC |
| **End of Discharge Maximum Battery Current** | 254 A |

## General

| | |
|---|---|
| **Bypass Voltage Tolerance** | +/- 10 % |
| **Redundant** | No |
| **Product or Component Type** | Uninterruptible power supply (UPS) |

## Physical

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

| | |
|---|---|
| **color** | White |
| **Height** | 58.5 in (148.5 cm) |
| **Width** | 20.5 in (52.1 cm) |
| **Depth** | 33.3 in (84.7 cm) |
| **Net Weight** | 639.3 lb(US) (290 kg) |

## Input

| | |
|---|---|
| **Input Frequency** | 40 - 70 Hz |
| **Efficiency at full load** | 177...239 V 208 V |
| **Maximum Input Current per Phase** | 269 A |
| **Maximum Short Circuit Withstand (Icw)** | 65 kA |
| **Input Total Harmonic Distortion** | Less than 3% for full load |
| **Load power factor** | From 0.7 leading to 0.7 lagging without any derating |

## Output

| | |
|---|---|
| **Max Configurable Power (Watts)** | 75 kW |
| **Output Frequency (sync to mains)** | 50 Hz sync to mains<br>60 Hz sync to mains<br>50 Hz +/- 0.1 % for 50 Hz nominal not synced<br>60 Hz +/- 0.1 % for 60 Hz nominal not synced |
| **Crest factor** | 2.5 |
| **Waveform Type** | Sine wave |
| **Output voltage tolerance** | +/-1% after 50ms |
| **Overload Operation** | 10 minutes @ 125% and 60 seconds @ 150% |
| **Bypass type** | Built-in Static Bypass |
| **Maximum configurable power in VA** | 75 kVA |

## Conformance

| | |
|---|---|
| **Standards** | IEC 62040-1-1<br>IEC 62040-2<br>UL 1778 5th edition<br>FCC Part 15 class A<br>IEC 60721-4-2 Level 2M2<br>UL 924 Listed |

## Environmental

| | |
|---|---|
| **Ambient Air Temperature for Operation** | 32…104 °F (0…40 °C) |
| **Relative Humidity** | 0…95 % non-condensing |
| **Operating altitude** | 0...3300 ft |
| **Ambient Air Temperature for Storage** | -13…131 °F (-25…55 °C) |
| **Storage Relative Humidity** | 10…80 % non-condensing |
| **acoustic level** | 68 dBA |
| **Online Thermal Dissipation** | 16137 Btu/h |
| **IP degree of protection** | IP21 |

## Communications & Management

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|---|---|
| **Control panel** | Touch Screen LCD User Interface |

## Ordering and shipping details

| | |
|---|---|
| **GTIN** | 731304418467 |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 66.1 in (1680 mm) |
| **Package 1 Width** | 39.0 in (990 mm) |
| **Package 1 Length** | 25.2 in (640 mm) |
| **Package 1 Weight** | 694.5 lb(US) (315 kg) |

## Contractual warranty

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

## Sustainability

**Green Premium$^{TM}$ 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-$CO_2$ products.

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Energy Efficient | Take-back | Transparency | RoHS/REACh

## Resource performance

- Energy Efficient Product
- Take-Back Program Available

## Well-being performance

- Mercury Free
- Rohs Exemption Information — Yes

## 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 |

Image of product / Alternate images

**Alternative**



