# Product data sheet

Specifications



## Galaxy VS UPS TAA Compliant 30kW 208V for External Batteries, Start-up 5x8

GVSUPS30KFSUS

## Overview

| | |
|---|---|
| **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 |
| **Other Output Voltage** | 200 V<br>220 V |
| **Kw Rating** | 30 kW |
| **Rated power in VA** | 30 kVA |
| **Output connector type** | Hard Wire 5-wire (3PH + N + G) 1 |
| **Battery Type** | External battery system<br>Li-Ion (Lithium Ion)<br>VRLA |
| **Provided equipment** | Dust filter<br>Installation guide<br>Integrated network management<br>Power modules ship installed<br>Start-Up Service<br>Top and bottom cable entry |
| **Range of Product** | Galaxy VS |
| **Range Compatibility** | Galaxy VS |

## Batteries & Runtime

| | |
|---|---|
| **Efficiency** | View Efficiency Graph |
| **Included Battery Modules** | 0 |
| **Battery Slots Empty** | 0 |
| **Battery Voltage** | 384-480VDC |
| **End of Discharge Battery Voltage** | 307 V DC |
| **End of Discharge Maximum Battery Current** | 102 A |
| **Battery power in VAH** | 0 VAh runtime |
| **Extendable Run Time** | 0 |

## General

| | |
|---|---|
| **Bypass Voltage Tolerance** | +/- 10 % |

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

| | |
|---|---|
| **Max Bypass Input Current** | 105 A |
| **Redundant** | No |
| **Product or Component Type** | Uninterruptible power supply (UPS) |

## Physical

| | |
|---|---|
| **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** | 524.7 lb(US) (238 kg) |
| **USB compatible** | No |

## Input

| | |
|---|---|
| **Input Frequency** | 40 - 70 Hz |
| **Number of input connectors** | 1 Hard Wire 4-wire (3PH + G)<br>1 Hard Wire 5-wire (3PH + N + G) |
| **Efficiency at full load** | 177...239 V 208 V |
| **Maximum Input Current per Phase** | 110 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 |
| **Input Power Factor at Full Load** | 0.99 |

## Output

| | |
|---|---|
| **Max Configurable Power (Watts)** | 30 kW |
| **Harmonic distortion** | Less than 3% |
| **Output Frequency (sync to mains)** | 50 Hz sync to mains<br>60 Hz sync to mains<br>60 Hz +/- 0.1 % for 60 Hz nominal not synced<br>50 Hz +/- 0.1 % for 50 Hz nominal not synced |
| **Crest factor** | 2.5 |
| **Waveform Type** | Sine wave |
| **Output voltage tolerance** | +/-1% after 50ms |
| **Output Voltage THD** | < 1% linear load and < 3% non-linear load |
| **Overload Operation** | 10 minutes @ 125% and 60 seconds @ 150% |
| **Bypass type** | Built-in Static Bypass |
| **Maximum configurable power in VA** | 30 kVA |

## Conformance

| | |
|---|---|
| **Standards** | CSA C22.2 No 107.3<br>FCC Part 15 class A<br>IEC 62040-3<br>IEC 60721-4-2 Level 2M2<br>UL 1778 5th edition |

## Environmental

| | |
|---|---|
| **Ambient Air Temperature for Operation** | 32…104 °F (0…40 °C) |
| **Relative Humidity** | 0…95 % non-condensing |
| **Operating altitude** | 0...3281 ft |
| **Ambient Air Temperature for Storage** | -13…131 °F (-25…55 °C) |
| **Storage Relative Humidity** | 10…80 % non-condensing |
| **Storage altitude** | 0…50000 ft (0.0000000000…15240.0000000000 m) |
| **acoustic level** | 65 dBA |
| **Online Thermal Dissipation** | 5487 Btu/h |
| **IP degree of protection** | IP21 |

## Communications & Management

| | |
|---|---|
| **Free slots** | 1 |
| **Control panel** | Touch Screen LCD User Interface |

## Ordering and shipping details

| | |
|---|---|
| **GTIN** | 731304427445 |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |

## Contractual warranty

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

## Sustainability

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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 |