

# Product data sheet

Specifications



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

GVSUPS40K0B5FS


### Overview

Presentation	Highly efficient, easy-to-deploy 40kW, 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. This UPS is for up to 5 smart modular high capacity battery strings, but is supplied without batteries, so you can easily customize the battery runtime. Includes 5x8 start-up service.
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 Start-up service EcoStruxure Ready

### Batteries & Runtime

Efficiency	<a href="#">View Efficiency Graph</a> 
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

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

Colour	White
Height	197 cm
Width	55 cm
Depth	84.7 cm
Net Weight	296 kg
Usb Compatible	No

## Input

Network Frequency	40...70 Hz
Input Voltage Limits	177...239 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

## 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 Va	40 kVA

## Conformance

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

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 % non-condensing
Operating Altitude	0...3300 ft
Ambient Air Temperature For Storage	-15...40 °C
Storage Relative Humidity	10...80 % non-condensing
Storage Altitude	0.00...3048.00 m

Acoustic Level	65 dBA
Heat Dissipation	7428 Btu/h
Ip Degree Of Protection	IP20

## Communications & Management

Control Panel	Touch screen LCD user interface
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## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	208.2 cm
Package 1 Width	101 cm
Package 1 Length	75.5 cm
Package 1 Weight	250 kg

## Contractual warranty

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

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**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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[Guide to assess a product's sustainability >](#)



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](#)