

# Product data sheet

Specifications



## Galaxy VS UPS 50kW 400V, 2 internal 9Ah smart modular battery strings, expandable to 4, Start-up 5x8

GVSUPS50KB4HS

### Overview

Presentation	Highly efficient, easy-to-deploy 50kW, 400V 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 and 2 smart high-capacity modular battery strings, expandable to 4 strings for extended runtime. Runtime charts available in the Documents tab.
Lead Time	Usually Ships within 2 Weeks

### Main

Main Input Voltage	400 V 3 phases
Other Input Voltage	380 V 415 V
Main Output Voltage	400 V 3 phases
Other Output Voltage	380 V 415 V
Rated Power In W	50 kW
Rated Power In Va	50 kVA
Output Connector Type	Hard wire 5-wire (3P + N + E) 1
Battery Type	Internal modular battery VRLA
Provided Equipment	Battery modules ship installed Dust filter EcoStruxure IT ready (UPS) Installation guide Integrated network management Power modules ship installed Start-up service

### Batteries & Runtime

Efficiency	<a href="#">View Efficiency Graph</a>
Battery Voltage	480 V
Discharge Battery Voltage	384 V DC
Max Current Discharge	136 A
Battery Power In Vah	0 VAh runtime
Extended Runtime	0

### General

Bypass Voltage Tolerance	+/- 10 %
Redundant	No

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

## Physical

Colour	White
Height	148.5 cm
Width	52.1 cm
Depth	84.7 cm
Net Weight	460 kg
Usb Compatible	No

## Input

Network Frequency	40...70 Hz
Number Of Input Connectors	1 hard wire 3-wire (3P + E) 1 hard wire 5-wire (3P + N + E)
Input Voltage Limits	340...460 V 400 V
Maximum Input Current	90 A
Max Short Time Withstand Current	65 kA
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	50 kW
Harmonic Distortion	Less than 5 %
Output Frequency	50 Hz sync to mains 60 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Crest Factor	2.5
Wave Type	Sine wave
Output Voltage Tolerance	+/-1% after 50ms
Output Overload Operation	10 minutes at 125% and 60 seconds at 150%
Bypass Type	Built-in static bypass
Maximum Configurable Power In Va	50 kVA

## Conformance

Product Certifications	UL 1778 5th edition
Standards	CSA C22.2 No 107.3 EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 IEC 60721-4-2 level 2M2

## Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 % non-condensing
Operating Altitude	0...3281 ft
Ambient Air Temperature For Storage	-15...40 °C

Storage Relative Humidity	0...95 % non-condensing
Storage Altitude	0.00...3048.00 m
Acoustic Level	61 dBA
Heat Dissipation	6151 Btu/h
Ip Degree Of Protection	IP20

## Communications & Management

Free Slots	1
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	168 cm
Package 1 Width	99 cm
Package 1 Length	64 cm
Package 1 Weight	490 kg

## Contractual warranty

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-CO<sub>2</sub> 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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[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

Environmental Disclosure   [Product Environmental Profile](#)

Circularity Profile   [End of Life Information](#)