

# Product data sheet

Specifications



## Galaxy VS UPS 50kW 480V, 2 internal 9Ah smart modular battery strings, expandable to 4, Start-up 5x8

GVSUPS50KB4GS

### Overview

Presentation	Highly efficient, easy-to-deploy 50kW, 480V 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. (600V options available for Canada / Options disponibles pour le Canada)
Lead Time	Usually Ships within 2 Weeks

### Main

Main Input Voltage	480 V 3 phases
Main Output Voltage	480 V 3 phases
Rated Power In W	50 kW
Rated Power In Va	50 kVA
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	135 A
Battery Power In Vah	0 VAh runtime
Extended Runtime	0

### 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

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
Input Voltage Limits	408...552 V 480 V
Maximum Input Current	74 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	50 kW
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	ENERGY STAR V2.0 (USA)
Standards	CSA C22.2 No 107.3 FCC part 15 class A IEC 62040-3 IEC 60721-4-2 level 2M2 UL 1778 5th edition

## 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	10...80 % non-condensing
Storage Altitude	0.00...3048.00 m
Acoustic Level	61 dBA

Heat Dissipation	5210 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
----------	---

## 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.

[Learn more about Green Premium >](#)

[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](#)

## Environmental Certifications

✓ Energy Star®   ENERGY STAR UPS V2.0 (USA)

## 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](#)