

# Product datasheet

Specifications



Galaxy VS UPS 50kW 400V for external batteries, halogen-free cables, marine certified, Start-up 5x8

GVSUPS50KMHS

## 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 halogen-free cables. Marine certified.

**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

**Rated Power In W** 50 kW

**Rated Power In Va** 50 kVA

**Battery Type** External battery system  
Li-Ion (Lithium-Ion)  
VRLA

**Provided Equipment** Dust filter  
EcoStruxure IT ready (UPS)  
Installation guide  
Integrated network management  
Power modules ship installed  
Start-up service

## Batteries & Runtime

**Battery Voltage** 480...576 V DC

**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

## Physical

**Colour** White

**Height** 148.5 cm

<b>Width</b>	52.1 mm
<b>Depth</b>	84.7 cm
<b>Net Weight</b>	206 kg
<b>Usb Compatible</b>	No

## Input

<b>Network Frequency</b>	40...70 Hz
<b>Input Voltage Limits</b>	340...460 V 400 V
<b>Maximum Input Current</b>	90 A
<b>Max Short Time Withstand Current</b>	65 kA
<b>Input Harmonic Distortion</b>	Less than 3 % for full load
<b>Load Power Factor</b>	From 0.7 leading to 0.7 lagging without any derating

## Output

<b>Maximum Configurable Power In W</b>	50 kW
<b>Output Frequency</b>	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
<b>Crest Factor</b>	2.5
<b>Wave Type</b>	Sine wave
<b>Output Voltage Tolerance</b>	+/-1% after 50ms
<b>Output Harmonic Distortion</b>	< 1% linear load and < 5% non-linear load
<b>Output Overload Operation</b>	10 minutes at 125% and 60 seconds at 150%
<b>Bypass Type</b>	Built-in static bypass
<b>Maximum Configurable Power In Va</b>	50 kVA

## Conformance

<b>Standards</b>	EN/IEC 62040-1 EN/IEC 62040-2 FCC part 15 class A IEC 60721-4-2 level 2M2 UL 1778 5th edition
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## Environmental

<b>Ambient Air Temperature For Operation</b>	0...40 °C
<b>Relative Humidity</b>	0...95 % non-condensing
<b>Operating Altitude</b>	0...3300 ft
<b>Ambient Air Temperature For Storage</b>	-25...55 °C
<b>Storage Relative Humidity</b>	10...80 % non-condensing
<b>Acoustic Level</b>	68 dBA
<b>Heat Dissipation</b>	5804 Btu/h
<b>Ip Degree Of Protection</b>	IP21

## Communications & Management

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<b>Control Panel</b>	Touch screen LCD user interface
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## Packing Units

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<b>Unit Type Of Package 1</b>	PCE
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<b>Number Of Units In Package 1</b>	1
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<b>Package 1 Height</b>	168 cm
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<b>Package 1 Width</b>	99 cm
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<b>Package 1 Length</b>	64 cm
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<b>Package 1 Weight</b>	250 kg
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## Contractual warranty

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<b>Warranty</b>	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.

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Transparency RoHS/REACH

## Well-being performance

 **Rohs Exemption Information** [Yes](#)

## Certifications & Standards

<b>Reach Regulation</b>	<a href="#">REACH Declaration</a>
<b>Eu Rohs Directive</b>	Compliant with Exemptions
<b>China Rohs Regulation</b>	<a href="#">China RoHS declaration</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>