

# Product data sheet

Specifications



## Galaxy VS UPS 50kW 208V for External Batteries, Start-up 5x8

GVSUPS50KFS

### Overview

**Presentation** Highly efficient, easy-to-deploy 50kW, 208V 3-phase uninterruptible power supply (UPS) that brings best-in-class power protection to edge, small and medium data centers, as well as to critical infrastructure in commercial and industrial applications. Compact design, high-density technology and modular architecture keep total cost of ownership low and operational efficiency at the highest levels. Galaxy VS reduces your energy losses by up to 66% with the patented EConversion mode – reaching up to 99% efficiency levels and delivering more energy savings than even our industry-leading 97% efficiency in normal operating mode. The UPS is EcoStruxure-ready to give you peace of mind with cloud-based remote monitoring and management via your smartphone. Includes 5x8 start-up service. For battery runtime details, see the runtime charts published under the Documents tab.

**Lead time** Usually Ships within 2 Weeks

### Main

<b>Main Input Voltage</b>	208 V 3 phases
<b>Other Input Voltage</b>	200 V 220 V
<b>Main Output Voltage</b>	208 V 3 phases
<b>Other Output Voltage</b>	200 V 220 V
<b>Rated power in W</b>	50 kW
<b>Rated power in VA</b>	50 kVA
<b>Output connector type</b>	Hard wire 5-wire (3P + N + E) 1
<b>Battery type</b>	External battery system Li-Ion (Lithium-Ion) VRLA
<b>Provided equipment</b>	Dust filter Installation guide Integrated network management Power modules ship installed Start-up service Top and bottom cable entry

### Batteries & Runtime

<b>Efficiency</b>	<a href="#">View Efficiency Graph</a>
<b>Number of battery filled slots</b>	0
<b>Number of battery free slots</b>	0
<b>Battery voltage</b>	384...480 V DC
<b>Discharge battery voltage</b>	307 V DC
<b>Max current discharge</b>	170 A
<b>Battery power in VAH</b>	0 VAh runtime

Extended runtime	0
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## General

Bypass voltage tolerance	+/- 10 %
Max bypass input current	175 A
Redundant	No
product or component type	Uninterruptible power supply (UPS)

## Physical

Colour	White
Height	148.5 cm
Width	52.1 cm
Depth	84.7 cm
net weight	250 kg
USB compatible	No

## Input

Network frequency	40...70 Hz
Number of input connectors	1 hard wire 4-wire (3P + E) 1 hard wire 5-wire (3P + N + E)
Input voltage limits	177...239 V 208 V
Maximum input current	182 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
Harmonic distortion	Less than 3 %
Output frequency	50 Hz sync to mains 60 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest factor	2.5
Wave type	Sine wave
Output voltage tolerance	+/-1% after 50ms
Output harmonic distortion	< 1% linear load and < 3% 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	50 kVA

## Conformance

<b>Standards</b>	CSA C22.2 No 107.3 FCC part 15 class A IEC 62040-3 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...3281 ft
<b>Ambient air temperature for storage</b>	-25...55 °C
<b>Storage Relative Humidity</b>	10...80 % non-condensing
<b>Storage altitude</b>	0.0000000000...15240.0000000000 m
<b>Acoustic level</b>	65 dBA
<b>heat dissipation</b>	10758.4 Btu/h
<b>IP degree of protection</b>	IP21

## Communications & Management

<b>Free slots</b>	1
<b>control panel</b>	Touch screen LCD user interface

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	168 cm
<b>Package 1 Width</b>	99 cm
<b>Package 1 Length</b>	64 cm
<b>Package 1 Weight</b>	275 kg

## Contractual warranty

<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.

**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

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✓ Take-Back Program Available

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## Well-being performance

✓ Mercury Free

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✓ Rohs Exemption Information Yes

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## Certifications & Standards

Reach Regulation [REACH Declaration](#)

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Eu Rohs Directive Compliant with Exemptions

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China Rohs Regulation [China RoHS declaration](#)

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Environmental Disclosure [Product Environmental Profile](#)

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Circularity Profile [End of Life Information](#)

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