

# Product datasheet

Specifications



## Galaxy VS UPS 40kW 400V with N+1 power module for external batteries, Start-up 5x8

GVSUPS40KRHS

### Overview

<b>Presentation</b>	Highly efficient, easy-to-deploy 40kW, 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 one additional power module for N+1 redundancy.
<b>Lead Time</b>	Usually Ships within 2 Weeks

### Main

<b>Main Input Voltage</b>	400 V 3 phases
<b>Other Input Voltage</b>	380 V 415 V
<b>Main Output Voltage</b>	400 V 3 phases
<b>Rated Power In W</b>	40 kW
<b>Rated Power In Va</b>	40 kVA
<b>Battery Type</b>	External battery system Li-Ion (Lithium-Ion) VRLA
<b>Provided Equipment</b>	Dust filter EcoStruxure IT ready (UPS) Installation guide Integrated network management Power modules ship installed Start-up service

### Batteries & Runtime

<b>Battery Voltage</b>	384...576 V DC
<b>Discharge Battery Voltage</b>	307 V DC
<b>Max Current Discharge</b>	136 A

### General

<b>Bypass Voltage Tolerance</b>	+/- 10 %
<b>Redundant</b>	Yes

### Physical

<b>Colour</b>	White
<b>Height</b>	148.5 cm
<b>Width</b>	52.1 cm
<b>Depth</b>	84.7 cm
<b>Net Weight</b>	250 kg

## Input

Network Frequency	40...70 Hz
Input Voltage Limits	340...460 V 400 V
Maximum Input Current	72 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

## Output

Maximum Configurable Power In W	40 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 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	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

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 % non-condensing
Operating Altitude	0...3300 ft
Ambient Air Temperature For Storage	-25...55 °C
Storage Relative Humidity	10...80 % non-condensing
Acoustic Level	68 dBA
Heat Dissipation	4333 Btu/h
Ip Degree Of Protection	IP21

## 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	168 cm
Package 1 Width	99 cm
Package 1 Length	64 cm
Package 1 Weight	250 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.

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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

Rohs Exemption Information Yes

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## Certifications & Standards

Reach Regulation [REACH Declaration](#)

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Eu Rohs Directive Compliant  
[EU RoHS Declaration](#)

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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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