

# Product data sheet

Specifications



## Galaxy VS UPS 80kW 400V, 3 internal 9Ah smart modular battery strings, expandable to 5, Start-up 5x8

GVSUPS80KB5HS

### Overview

Presentation	Highly efficient, easy-to-deploy 80kW, 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 3 smart modular high capacity battery strings, expandable to 5 strings for extended runtime. See the battery runtime chart for details.
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	80 kW
Rated Power In Va	80 kVA
Battery Type	Internal modular battery VRLA
Provided Equipment	Dust filter Installation manual Integrated network management Battery modules ship installed Start-up service EcoStruxure Ready

### Batteries & Runtime

Efficiency	<a href="#">View Efficiency Graph</a>
Battery Voltage	480 V
Discharge Battery Voltage	384 V
Max Current Discharge	217 A
Battery Power In Vah	0 VAh runtime
Extended Runtime	0

### General

Redundant	No
Product Or Component Type	Uninterruptible power supply (UPS)

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	197 cm
Width	55 cm
Depth	84.7 cm
Net Weight	680 kg
Usb Compatible	No

## Input

Network Frequency	40...70 Hz
Input Voltage Limits	340...460 V 400 V
Maximum Input Current	144 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	80 kW
Harmonic Distortion	Less than 3 %
Output Frequency	50 Hz sync to mains 60 Hz sync to mains
Crest Factor	2.5
Wave Type	Sine wave
Output Voltage Tolerance	+/- 5% after 2ms +/-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	80 kVA

## Conformance

Standards	IEC 62040-1-1 IEC 62040-2 OSHDP
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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	-15...40 °C
Storage Relative Humidity	10...80 % non-condensing
Storage Altitude	0.00...3048.00 m

Acoustic Level	65 dBA
Heat Dissipation	9263 Btu/h
Ip Degree Of Protection	IP20

## 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	208.2 cm
Package 1 Width	101 cm
Package 1 Length	75.5 cm
Package 1 Weight	270 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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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

China Rohs Regulation   [China RoHS declaration](#)

Environmental Disclosure   [Product Environmental Profile](#)

Circularity Profile   [End of Life Information](#)