

Product data sheet

Specifications



Galaxy VS UPS 40kW 208V, 3 internal 9Ah smart modular battery strings, expandable to 5, Start-up 5x8

GVSUPS40KB5FS

Overview

Presentation Highly efficient, easy-to-deploy 40kW, 208V 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 208 V 3 phase

Other Input Voltage 200 V
220 V

Main Output Voltage 208 V 3 phase

Other Output Voltage 200 V
220 V

Kw Rating 40 kW

Rated power in VA 40 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

Range of Product Galaxy VS

Range Compatibility Galaxy VS

Batteries & Runtime

Efficiency [View Efficiency Graph](#)

Battery Voltage 480V

End of Discharge Battery Voltage 384 V DC

End of Discharge Maximum Battery Current 109 A

Battery power in VAh 0 VAh runtime

Extendable Run Time 0

General

Redundant No

Product or Component Type	Uninterruptible power supply (UPS)
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Physical

color	White
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Height	77.6 in (197 cm)
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Width	21.7 in (55 cm)
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Depth	33.3 in (84.7 cm)
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Product Weight	1499.1 lb(US) (680 kg)
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USB compatible	No
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Input

Input Frequency	40 - 70 Hz
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Efficiency at full load	177...239 V 208 V
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Maximum Input Current per Phase	143 A
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Maximum Short Circuit Withstand (Icw)	65 kA
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Input Total Harmonic Distortion	Less than 3% for full load
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Load power factor	From 0.7 leading to 0.7 lagging without any derating
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Input Power Factor at Full Load	0.99
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Output

Max Configurable Power (Watts)	40 kW
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Harmonic distortion	Less than 5%
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Output Frequency (sync to mains)	50 Hz sync to mains 60 Hz sync to mains
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Crest factor	2.5
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Waveform Type	Sine wave
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Output voltage tolerance	+/-1% after 50ms
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Output Voltage THD	< 1% linear load and < 5% non-linear load
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Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
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Bypass type	Built-in Static Bypass
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Maximum configurable power in VA	40 kVA
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Conformance

Standards	CSA C22.2 No 107.3 FCC Part 15 class A IEC 62040-1-1 IEC 62040-2 IEC 62040-3 UL 1778 5th edition OSHDP
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Environmental

Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
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Relative Humidity	0...95 % non-condensing
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Operating altitude	0...3300 ft
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Ambient Air Temperature for Storage	5...104 °F (-15...40 °C)
Storage Relative Humidity	10...80 % non-condensing
Storage altitude	0...10000 ft (0.0000000000...3048.0000000000 m)
acoustic level	57 dBA
Online Thermal Dissipation	7428 Btu/h
IP degree of protection	IP20

Communications & Management

Control panel	Touch Screen LCD User Interface
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Ordering and shipping details

GTIN	731304409748
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	77.6 in (197 cm)
Package 1 Width	21.7 in (55 cm)
Package 1 Length	33.3 in (84.7 cm)
Package 1 Weight	1499.1 lb(US) (680 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-CO₂ products.

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Transparency RoHS/REACH

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](#)

Image of product / Alternate images

Alternative



