

Product data sheet

Specifications



Galaxy VS UPS 40kW 400V for external batteries, halogen-free cables, marine certified, Start-up 5x8

GVSUPS40KMHS

Overview

Presentation 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 halogen-free cables. Marine certified.

Lead Time Usually Ships within 2 Weeks

Main

Main Input Voltage 400 V 3 phase

Other Input Voltage 380 V
415 V

Main Output Voltage 400 V 3 phase

Kw Rating 40 kW

Rated Power In Va 40 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 480-576VDC

End Of Discharge Battery Voltage 307 V DC

End Of Discharge Maximum Battery Current 136 A

Battery Power In Vah 0 VAh runtime

Extendable Run Time 0

General

Bypass Voltage Tolerance +/- 10 %

Redundant No

Physical

Color White

Height 58.46 in (148.5 cm)

Width	2.05 in (52.1 mm)
Depth	33.35 in (84.7 cm)
Net Weight	454.15 lb(US) (206 kg)
Usb Compatible	No

Input

Input Frequency	40 - 70 Hz
Efficiency At Full Load	340...460 V 400 V
Maximum Input Current Per Phase	72 A
Maximum Short Circuit Withstand (Icw)	65 kA
Input Total Harmonic Distortion	Less than 3% for full load
Load Power Factor	From 0.7 leading to 0.7 lagging without any derating

Output

Max Configurable Power (Watts)	40 kW
Output Frequency (Sync To Mains)	50 Hz sync to mains 60 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal not synced 60 Hz +/- 0.1 % for 60 Hz nominal not synced
Crest Factor	2.5
Waveform Type	Sine wave
Output Voltage Tolerance	+/-1% after 50ms
Output Voltage Thd	< 1% linear load and < 5% non-linear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 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	32...104 °F (0...40 °C)
Relative Humidity	0...95 % non-condensing
Operating Altitude	0...3300 ft
Ambient Air Temperature For Storage	-13...131 °F (-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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Ordering and shipping details

Gtin	731304418351
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Packing Units

Unit Type Of Package 1	PCE
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Number Of Units In Package 1	1
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Package 1 Height	66.14 in (168 cm)
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Package 1 Width	38.98 in (99 cm)
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Package 1 Length	25.20 in (64 cm)
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Package 1 Weight	551.16 lb(US) (250 kg)
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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

 **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