

Product data sheet

Specifications



Galaxy VS UPS 120kW 400V for External Batteries, Start-up 5x8

GVSUPS120KHS

Overview

Presentation Highly efficient, easy-to-deploy 120kW, 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. See the battery runtime chart for details.

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

Other Output Voltage 380 V
415 V

Kw Rating 120 kW

Rated power in VA 120 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

Range of Product Galaxy VS

Range Compatibility Galaxy VS

Batteries & Runtime

Efficiency [View Efficiency Graph](#)

Battery Voltage 480-576VDC

End of Discharge Battery Voltage 384 V DC

End of Discharge Maximum Battery Current 326 A

Battery power in VAh 0 VAh runtime

Extendable Run Time 0

General

Bypass Voltage Tolerance +/- 10 %

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

Physical

color	White
Height	58.5 in (148.5 cm)
Width	20.5 in (52.1 cm)
Depth	33.3 in (84.7 cm)
Net Weight	612.9 lb(US) (278 kg)
USB compatible	No

Input

Input Frequency	40 - 70 Hz
Efficiency at full load	340...460 V 400 V
Maximum Input Current per Phase	216 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
Input Power Factor at Full Load	0.99

Output

Max Configurable Power (Watts)	120 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
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Bypass type	Built-in Static Bypass
Maximum configurable power in VA	120 kVA

Conformance

Standards	IEC 62040-1-1 IEC 62040-2 IEC 60721-4-2 Level 2M2 OSHDP 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...3333 ft
Ambient Air Temperature for Storage	-13...131 °F (-25...55 °C)

Storage Relative Humidity	10...80 % non-condensing
Storage altitude	0...50000 ft (0.0000000000...15240.0000000000 m)
acoustic level	65 dBA
Online Thermal Dissipation	12509 Btu/h
IP degree of protection	IP21

Communications & Management

Free slots	1
Control panel	Touch Screen LCD User Interface

Ordering and shipping details

GTIN	731304407904
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	66.1 in (168 cm)
Package 1 Width	39.0 in (99 cm)
Package 1 Length	25.2 in (64 cm)
Package 1 Weight	694.5 lb(US) (315 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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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](#)

Image of product / Alternate images

Alternative

