Product data sheet

Specifications





Galaxy VS 120kW 480V for external batteries, Start-up 5x8

GVSUPS120KGS

Overview	
Presentation	Highly efficient, easy-to-deploy 120kW, 480V 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.
Lead Time	Usually Ships within 2 Weeks
Main	
Main Input Voltage	480 V 3 phase
Main Output Voltage	480 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

Batteries & Runtime

Efficiency	View Efficiency Graph 🖸
Battery Voltage	480-576VDC
End Of Discharge Battery Voltage	384 V DC
End Of Discharge Maximum Battery Current	325 A

General

Bypass Voltage Tolerance	+/- 10 %
Redundant	No
Product Or Component Type	Uninterruptible power supply (LIPS)

Physical

Color	White	
Height	58.46 in (148.5 cm)	

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

Width	20.51 in (52.1 cm)
Depth	33.35 in (84.7 cm)
Net Weight	612.89 lb(US) (278 kg)
Usb Compatible	No

Input

Input Frequency	40 - 70 Hz
Efficiency At Full Load	408552 V 480 V
Maximum Input Current Per Phase	179 A
Maximum Short Circuit Withstand (Icw)	65 kA
Input Total Harmonic Distortion	Less than 5% for full load
Load Power Factor	From 0.7 leading to 0.7 lagging without any derating

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	
Wave 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	120 kVA	

Power In ١g Va

Conformance

Product Certifications	ENERGY STAR V2.0 (USA)
Standards	IEC 62040-1-1
	IEC 62040-2
	UL 1778 5th edition
	FCC Part 15 class A
	IEC 60721-4-2 Level 2M2
	UL 924 Listed

Environmental

Ambient Air Temperature For Operation	32104 °F (040 °C)
Relative Humidity	095 % non-condensing
Operating Altitude	03300 ft
Ambient Air Temperature For Storage	-13131 °F (-2555 °C)
Storage Relative Humidity	1080 % non-condensing
Acoustic Level	64 dBA
Heat Dissipation	11152 Btu/h
Ip Degree Of Protection	IP21

Communications & Management

Free Slots	1
Control Panel	Touch Screen LCD User Interface

Ordering and shipping details

Gtin

731304418436

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	66.14 in (168 cm)
Package 1 Width	38.98 in (99 cm)
Package 1 Length	25.20 in (64 cm)
Package 1 Weight	694.46 lb(US) (315 kg)

Contractual warranty

Warranty

1 year on-site repair or replace with factory authorized Start-Up

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Resource performance

Energy Efficient Product

Take-Back Program Available

Well-being performance

Mercury Free

Rohs Exemption Information

Environmental Certifications

Energy Star®

ENERGY STAR UPS V2.0 (USA)

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