

GVSUPS40KB4GS

Galaxy VS UPS 40kW 480V, 2 internal 9Ah smart modular battery strings, expandable to 4, Start-up 5x8



Overview

Presentation	Highly efficient, easy-to-deploy 40kW, 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 and 2 smart high-capacity modular battery strings, expandable to 4 strings for extended runtime. Runtime charts available in the Documents tab. (600V options available for Canada / Options disponibles pour le Canada)
Lead time	Usually Ships within 2 Weeks

Main

Main Input Voltage	480 V 3 phase
Output voltage	480 V 3 phase
Kw Rating	40 KW
Rated power in VA	40 KVA
Battery Type	Internal modular battery VRLA
Provided equipment	Battery modules ship installed Dust filter EcoStruxure IT ready (UPS) Integrated network management Power modules ship installed Start-Up Service

Batteries & Runtime

Battery Voltage	480V
End of Discharge Battery Voltage	384 V DC
End of Discharge Maximum Battery Current	108 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	1014.1 Lb(US) (460 kg)
USB compatible	No

Input

Input Frequency	40 - 70 Hz
Efficiency at full load	408...552 V 480 V
Maximum Input Current per Phase	60 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
Cos phi	0.99

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
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 VA	40 KVA

Conformance

Product Certifications	ENERGY STAR V2.0 (USA)
Standards	CSA C22.2 No 107.3 FCC Part 15 class A IEC 62040-3 IEC 60721-4-2 Level 2M2 UL 1778 5th edition

Environmental

Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 % non-condensing
Operating altitude	0...3281 ft
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	61 dBA

Heat dissipation	4086 Btu/H
IP degree of protection	IP20

Communications & Management

Free slots	1
Control panel	Touch Screen LCD User Interface

Ordering and shipping details

GTIN	731304641810
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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	1080.3 Lb(US) (490 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
ENERGY STAR®	 ENERGY STAR UPS V2.0 (USA)
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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Product Life Status : **Commercialised**