Product data sheet

Specifications

Green Premium™

Galaxy VL UPS 400 scalable to 500 kW, 400/480V, Start-up 5x8

GVL400K500DS

Overview

Presentation	Highly efficient, modular, high-density 400kW (400/480V) 3-phase UPS that is scalable up to 500kW. It delivers top performance for medium, large, and edge data centers, as well as critical infrastructure in commercial and industrial applications. Includes 5x8 start-up service.
Lead Time	Special Order - Call for Quoted Lead Times

Main

Main Input Voltage	380 V 3 phase 400 V 3 phase 415 V 3 phase 440 V 3 phase 480 V 3 phase
Main Output Voltage	380 V 3 phase 400 V 3 phase 415 V 3 phase 440 V 3 phase 480 V 3 phase
Other Output Voltage	400 V 480 V
Kw Rating	400 kW
Rated Power In Va	400 kVA
Battery Type	Li-Ion (Lithium Ion) VRLA Ni-Cd (Nickel-Cadmium)

Batteries & Runtime

Efficiency	View Efficiency Graph ⬏
End Of Discharge Battery Voltage	384 V

General

Number Of Power Module	8
Number Of Power Module Free Slots	2
Redundant	Yes
Product Or Component Type	Uninterruptible power supply (UPS)

Physical

Color	White
Height	77.56 in (197 cm)
Width	33.46 in (85 cm)

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

Depth	36.42 in (92.5 cm)
Net Weight	1547.65 lb(US) (702 kg)

Input

Input Frequency	40 - 70 Hz
Maximum Short Circuit Withstand (Icw)	65 kA
Input Total Harmonic Distortion	Less than 5% for full load
Load Power Factor	0.5 leading to 0.5 lagging without derating

Output

Max Configurable Power (Watts)	400 kW
Crest Factor	3
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Maximum Configurable Power In Va	400 kVA

Conformance

Product Certifications	IEC 62040-1-1 UL 1778 5th edition IEC 62040-2 IEC 62040-3 VFI-SS-111 FCC Class A ENERGY STAR V2.0 (USA)
Standards	IEC 60721-4-2 Level 2M2

Environmental

Ambient Air Temperature For Operation	32…104 °F (0…40 °C)
Relative Humidity	10…95 % non-condensing
Operating Altitude	0...9842.52 ft (0...3000 m)
Ambient Air Temperature For Storage	-13…131 °F (-25…55 °C)
Storage Relative Humidity	10…80 % non-condensing
Ip Degree Of Protection	IP20

Communications & Management

Control Panel	Touch Screen LCD User Interface

Ordering and shipping details

Gtin	731304423065

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	84.45 in (2145 mm)
Package 1 Width	43.31 in (1100 mm)
Package 1 Length	37.40 in (950 mm)

Package 1 Weight	1913.61 lb(US) (868 kg)

Contractual warranty

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

Sustainability

Green Premium^{TM} 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-CO_2 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 >

Transparency   RoHS/REACh

Well-being performance

✅ Rohs Exemption Information   Yes

Environmental Certifications

✅ Energy Star®   ENERGY STAR UPS V2.0 (USA)

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information