

Product data sheet

Specifications



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

Physical

Color White

Height 77.56 in (197 cm)

Width 33.46 in (85 cm)

Depth 36.42 in (92.5 cm)

Net Weight	1547.65 lb(US) (702 kg)
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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)
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Standards	IEC 60721-4-2 Level 2M2
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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
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Ordering and shipping details

Gtin	731304423065
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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™ 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

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](#)