

Product datasheet

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 phases
400 V 3 phases
415 V 3 phases
440 V 3 phases
480 V 3 phases

Main Output Voltage 380 V 3 phases
400 V 3 phases
415 V 3 phases
440 V 3 phases
480 V 3 phases

Other Output Voltage 400 V
480 V

Rated power in W 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](#)

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

Colour White

Height 197 cm

Width 85 cm

Depth	92.5 cm
net weight	702 kg

Input

Network frequency	40...70 Hz
Max short time withstand current	65 kA
Input harmonic distortion	Less than 5 % for full load
Load power factor	0.5 leading to 0.5 lagging without derating

Output

Maximum configurable power in W	400 kW
Crest factor	3
Output overload operation	10 minutes at 125% and 60 seconds at 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	0...40 °C
Relative humidity	10...95 % non-condensing
Operating altitude	0...3000 m
Ambient air temperature for storage	-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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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2145 mm
Package 1 Width	1100 mm
Package 1 Length	950 mm
Package 1 Weight	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

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](#)
