

# Product data sheet

Specifications



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

GVL500KDS

### Overview

**Presentation** Highly efficient, modular, high-density 500kW (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** 500 kW

**Rated power in VA** 500 kVA

**Battery Type** Li-Ion (Lithium Ion)  
VRLA  
Ni-Cd (Nickel-Cadmium)

**Range of Product** Galaxy VL

**Range Compatibility** Galaxy VL

### Batteries & Runtime

**Efficiency** [View Efficiency Graph](#)

**End of Discharge Battery Voltage** 384 V

### General

**Number of power module** 10

**Redundant** No

**Product or Component Type** Uninterruptible power supply (UPS)

### Physical

**color** White

**Height** 77.6 in (197 cm)

<b>Width</b>	33.5 in (85 cm)
<b>Depth</b>	36.4 in (92.5 cm)
<b>Net Weight</b>	1715.2 lb(US) (778 kg)

## Input

<b>Input Frequency</b>	40 - 70 Hz
<b>Maximum Short Circuit Withstand (I<sub>cw</sub>)</b>	65 kA
<b>Input Total Harmonic Distortion</b>	Less than 5% for full load
<b>Load power factor</b>	0.5 leading to 0.5 lagging without derating

## Output

<b>Max Configurable Power (Watts)</b>	500 kW
<b>Crest factor</b>	3
<b>Overload Operation</b>	10 minutes @ 125% and 60 seconds @ 150%
<b>Maximum configurable power in VA</b>	500 kVA

## Conformance

<b>Product Certifications</b>	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)
<b>Standards</b>	IEC 60721-4-2 Level 2M2

## Environmental

<b>Ambient Air Temperature for Operation</b>	32...104 °F (0...40 °C)
<b>Relative Humidity</b>	0...95 % non-condensing
<b>Operating altitude</b>	0...9842.52 ft (0...3000 m)
<b>Ambient Air Temperature for Storage</b>	-13...131 °F (-25...55 °C)
<b>Storage Relative Humidity</b>	10...80 % non-condensing
<b>IP degree of protection</b>	IP20

## Communications & Management

<b>Control panel</b>	Touch Screen LCD User Interface
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## Ordering and shipping details

<b>GTIN</b>	731304423072
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## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	84.4 in (2145 mm)
<b>Package 1 Width</b>	43.3 in (1100 mm)

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<b>Package 1 Length</b>	37.4 in (950 mm)
<b>Package 1 Weight</b>	2187.0 lb(US) (992 kg)

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## **Contractual warranty**

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<b>Warranty</b>	1 year on-site repair or replace with factory authorized Start-Up
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## 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-CO<sub>2</sub> products.

[Learn more about Green Premium >](#)



Transparency RoHS/REACH

## Well-being performance

 **Rohs Exemption Information** [Yes](#)

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## Environmental Certifications

 **Energy Star®** [ENERGY STAR UPS V2.0 \(USA\)](#)

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## Certifications & Standards

**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** [Compliant with Exemptions](#)

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**China Rohs Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information.

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**Environmental Disclosure** [Product Environmental Profile](#)

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**Circularity Profile** [End of Life Information](#)

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Image of product / Alternate images

Alternative

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