

# Product data sheet

Specifications



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

GVL500KDS

### Overview

<b>Presentation</b>	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.
<b>Lead time</b>	Special Order - Call for Quoted Lead Times

### Main

<b>Main Input Voltage</b>	380 V 3 phase 400 V 3 phase 415 V 3 phase 440 V 3 phase 480 V 3 phase
<b>Main Output Voltage</b>	380 V 3 phase 400 V 3 phase 415 V 3 phase 440 V 3 phase 480 V 3 phase
<b>Other Output Voltage</b>	400 V 480 V
<b>Kw Rating</b>	500 kW
<b>Rated power in VA</b>	500 kVA
<b>Battery Type</b>	Li-Ion (Lithium Ion) VRLA Ni-Cd (Nickel-Cadmium)

### General

<b>Number of power module</b>	10
<b>Redundant</b>	No

### Physical

<b>Color</b>	White
<b>Height</b>	77.56 in (197 cm)
<b>Width</b>	33.46 in (85 cm)
<b>Depth</b>	36.42 in (92.5 cm)
<b>Net Weight</b>	1715.20 lb(US) (778 kg)

### Input

<b>Input Frequency</b>	40 - 70 Hz
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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

<b>Maximum Short Circuit Withstand (I<sub>cs</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>	2.5
<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 B 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

## Batteries & Runtime

<b>End of Discharge Battery Voltage</b>	384 V
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## 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>	84.45 in (2145 mm)
<b>Package 1 Width</b>	43.31 in (1100 mm)
<b>Package 1 Length</b>	37.40 in (950 mm)
<b>Package 1 Weight</b>	2186.99 lb(US) (992 kg)

## Offer Sustainability

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REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a>
RoHS exemption information	<a href="#">Yes</a>

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## Contractual warranty

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Warranty	1 year on-site repair or replace with factory authorized Start-Up
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## Recommended replacement(s)