

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
Rated power in W	500 kW
Rated power in VA	500 kVA
Battery Type	Li-Ion (Lithium Ion) VRLA Ni-Cd (Nickel-Cadmium)

Batteries & Runtime

End of Discharge Battery Voltage	384 V
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General

Number of power module	10
Redundant	No

Physical

Color	White
Height	77.56 in (197 cm)
Width	33.46 in (85 cm)
Depth	36.42 in (92.5 cm)
Product Weight	1715.20 lb(US) (778 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)	500 kW
Crest factor	2.5
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Maximum configurable power in VA	500 kVA

Conformance

Product Certifications	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)
Standards	IEC 60721-4-2 Level 2M2

Environmental

Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Relative Humidity	0...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	731304423072
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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	2186.99 lb(US) (992 kg)

Offer Sustainability

REACH Regulation [REACH Declaration](#)

EU RoHS Directive [Compliant](#)
[EU RoHS Declaration](#)

Mercury free [Yes](#)

China RoHS Regulation [China RoHS declaration](#)

RoHS exemption information [Yes](#)

Contractual warranty

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

Recommended replacement(s)