

Product datasheet

Specifications



Galaxy VL UPS 300 scalable to 500 kW, 400/480V, Start-up 5x8

GVL300K500DS

Overview

Presentation	Highly efficient, modular, high-density 300kW (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
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	300 kW
Rated power in VA	300 kVA
Battery type	Li-Ion (Lithium-Ion) VRLA Ni-Cd (Nickel-Cadmium)

General

Number of power module	6
Number of power module free slots	4
Redundant	Yes

Physical

Colour	White
Height	197 cm
Width	85 cm
Depth	92.5 cm
Net weight	626 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	500 kW
Crest factor	2.5
Output overload operation	10 minutes at 125% and 60 seconds at 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	0...40 °C
Relative humidity	0...95 %
Operating altitude	0...3000 m
Ambient air temperature for storage	-25...55 °C
Storage Relative Humidity	10...80 %
IP degree of protection	IP20

Batteries & Runtime

Discharge battery voltage	384 V
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Communications & Management

Control panel	Touch screen LCD user interface
Alarm	Audible and visible alarms prioritized by severity

Packing Units

Package 1 Weight	744 kg
Package 1 Height	2145 mm
Package 1 width	950 mm
Package 1 Length	1100 mm

Offer Sustainability

REACH Regulation	REACH Declaration
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EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

Contractual warranty

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