Product datasheet

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 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	500 kW
Rated power in VA	500 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	10
Redundant	No
product or component type	Uninterruptible power supply (UPS)

Physical

Colour	White
Height	197 cm
Width	85 cm
Depth	92.5 cm

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

net weight	778 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	3
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 A 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 % 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

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	992 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-CO_2 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