

Product datasheet

Specifications



Galaxy VXL UPS 500kW Scalable to 1250kW, 400V, Start-up 5x8

GVXL500K1250HS

Overview

Lead time	Special Order - Call for Quoted Lead Times
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Main

Main Input Voltage	400 V 3 phases 380 V 3 phases 415 V 3 phases
Main Output Voltage	400 V 3 phases 415 V 3 phases
Other Output Voltage	400 V
Rated power in W	500 kW
rated power in VA	500 kVA
Battery type	VRLA Li-Ion (Lithium-Ion)
Range of product	Galaxy VXL
Range compatibility	Galaxy VXL

Batteries & Runtime

Efficiency	View Efficiency Graph 
Battery voltage	480...576 V DC
Discharge battery voltage	384 V DC
Maximum short-circuit current	100 kA
Battery charger power	100 kW full load

General

Max bypass input current	729 A
Bypass current protection	729 A
Number of power module	4
Number of power module free slots	6
Redundant	Yes
Product or component type	Uninterruptible power supply (UPS)

Physical

Colour	White
Height	1970 mm

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

Width	1200 mm
Depth	1000 mm
Net weight	851 kg
USB compatible	Yes

Input

Network frequency	40...70 Hz
Input voltage limits	340...460 V 400 V
Maximum input current	912 A
Max short time withstand current	100 kA
Input harmonic distortion	Less than 3 % for full load
Load power factor	0.5 leading to 0.5 lagging without derating

Output

Maximum configurable power in W	1250 kW
Harmonic distortion	< 3 %
Output frequency	50...60 Hz
Crest factor	3
UPS type	Double conversion online
Wave type	Sine wave
Output harmonic distortion	< 1% linear load and < 5% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Bypass type	No bypass
Maximum configurable power in VA	1250 VA

Conformance

Product certifications	IEC 62040-1-1 IEC 62040-2 IEC 62040-3 VFI-SS-111 RoHS
Standards	IEC 60721-4-2 level 2M2

Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	5...90 % non-condensing
Operating altitude	0...3000 m
Ambient air temperature for storage	-25...55 °C
Storage Relative Humidity	0...95 % non-condensing
Heat dissipation	47782 Btu/h
IP degree of protection	IP20

Communications & Management

Control panel	Touch screen LCD user interface
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	215 cm
Package 1 Width	141 cm
Package 1 Length	116 cm
Package 1 Weight	714 kg

Contractual warranty

Warranty (in months)	12
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

 Environmental footprint	
Total lifecycle Carbon footprint	367999
Environmental Disclosure	Product Environmental Profile

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration

 Energy efficiency	
Energy Efficiency Optimized	Energy efficient product
Product contributes to saved and avoided emissions	Yes

Use Again

 Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative







