Product datasheet

Specifications



Galaxy VX 500kVA, 400V, Start up 5x8

GVX500K500NHS

Overview

Presentation	A highly efficient, modular, 500 kVA 3-phase UPS that provides the performance, flexibility, and maximized asset utilization today's large data centers and mission critical applications require. This EcoStruxure connected UPS features up to 99% efficiency in eConversion mode. Includes 5x8 start-up service.

Main

Main input voltage	400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases
Other input voltage	380 V 415 V 440 V
Maximum input current	851 A
Max short time withstand current	100 kA
Input harmonic distortion	Less than 3 % for full load
Load power factor	From 0.7 leading to 0.5 lagging without any derating
Input frequency	40...70 Hz
Output voltage	400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases
Other output voltage	380 V 415 V 440 V
Rated power in W	500 kW
Rated power in VA	500 kVA
Crest factor	3 with THC <5%
Maximum configurable power in VA	500 kVA
Maximum configurable power in W	500 kW
Output harmonic distortion	< 2% linear load and < 3% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Waveform type	Sine wave
Output frequency	50 Hz sync to mains 60 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised

Complementary

Battery type	Lead-acid external sold separately Li-Ion (Lithium-Ion) external sold separately

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Control panel	7" touch screen display
Free slot	2
UPS connectivity	Pre-installed network management card 3
Color	White
Height	197 cm
Width	240 cm
Depth	90 cm
Product weight	2030 kg
USB compatible	No
Provided equipment	Installation guide Start-up service
Redundant	No
Range of product	Galaxy VX
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	cUL listed C-Tick CE UL 1778 5th edition
Standard	IBC 2012 IEC 62040-1-1 IEC 62040-2 IEC 62040-3 IEC 62040-4 ISTA 2B
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-15…40 °C
Storage altitude	0…15240 m
IP protection	IP20
Relative humidity	0…95 % non-condensing
Storage relative humidity	0…95 % non-condensing
Acoustic level	69.5 dBA
Heat dissipation	80387 Btu/h
Operating altitude	0...3333 ft

Batteries & Runtime

Battery type	External battery system
Battery voltage	480 V
Extendable runtime	0
Discharge battery voltage	384 V DC

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	215 cm

Package 1 Width	106 cm
Package 1 Length	317 cm
Package 1 Weight	2592 kg

Contractual warranty

Warranty (in months)	12

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	**638 ton CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**42 567 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**472 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**99 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**592 ton CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**2 847 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
SCIP Number	**7547f066-9302-46d9-96e9-461928dd6901**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**76**
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







