



## Galaxy VX 500kVA Scalable to 1000kVA 400V, Start up 5x8

### GVX500K1000NHS

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- A highly efficient, modular, 500 kVA scalable to 1000 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.
- Includes: Installation guide, Start-up service

Output	
Output power capacity	500.0kWatts / 500.0kVA
Max Configurable Power (Watts)	1.0MWatts / 1.0MVA
Nominal Output Voltage	400V 3PH
Output Frequency (sync to mains)	50 Hz +/- 0.1 % For 50 Hz nominal Unsynchronised, 50 Hz Sync to mains, 60 Hz Sync to mains
Other Output Voltages	380 V, 415 V, 440 V
Load Crest Factor	3 with THC <5%
Waveform type	Sine wave
Overload Operation	10 minutes at 125% and 60 seconds at 150%
Output Voltage THD	< 2% linear load and < 3% non-linear load

Input	
Nominal Input Voltage	400V 3PH
Input frequency	40 - 70 Hz
Input Total Harmonic Distortion	Less than 3 % for full load
Other Input Voltages	380 V, 415 V, 440 V
Maximum Short Circuit Withstand (Icw)	100.0kAmps
Maximum Input Current	851.0A

Batteries & Runtime	
Battery type	External battery system
Nominal Battery Voltage	480 V

Disclaimer: 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's applications.

## Technical Specifications

### Batteries & Runtime

End of Discharge Battery Voltage	384 V DC
Efficiency	View Efficiency Graph (Available in Technical Tab on site)

### Communications & Management

Control panel	7" touch screen display
Available SmartSlot™ Interface Quantity	2

### Physical

Maximum Height	1970MM, 197.0CM
Maximum Width	2400MM, 240.0CM
Maximum Depth	900MM, 90.0CM
Net Weight	2030.0KG
Shipping weight	2592.0KG
Shipping Height	2150MM, 215.0CM
Shipping Width	1060MM, 106.0CM
Shipping Depth	3170MM, 317.0CM
Color	White

### Environmental

Operating Temperature	0 - 40 °C
Operating Relative Humidity	0 - 95 (Non-condensing) %
Operating Elevation	0 - 1015.9meters
Storage Temperature	-15 - 40 °C
Storage Relative Humidity	0 - 95 (Non-condensing) %
Storage Elevation	0 - 15240meters
Audible noise at 1 meter from surface of unit	69.5dBA
Online thermal dissipation	80387.0BTU/hr
Protection Class	IP20

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Conformance	
Approvals	C-Tick, CE, cUL listed, IBC 2012, IEC 62040-1-1, IEC 62040-2, IEC 62040-3, IEC 62040-4, ISTA 2B, UL 1778 5th edition
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up

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