

# Product data sheet

Specifications



## Galaxy VS UPS 150kW 400V for External Batteries, Start-up 5x8

GVSUPS150KHS

### Overview

<b>Presentation</b>	Highly efficient, easy-to-deploy 150kW, 400V 3-phase UPS that brings best-in-class power protection and low total cost of ownership to edge, small and medium data centers, as well as to critical infrastructure in commercial and industrial applications. Includes 5x8 start-up service. See the battery runtime chart for details.
<b>Lead time</b>	Usually Ships within 2 Weeks

### Main

<b>Main Input Voltage</b>	400 V 3 phase
<b>Other Input Voltage</b>	380 V 415 V
<b>Main Output Voltage</b>	400 V 3 phase
<b>Other Output Voltage</b>	380 V 415 V
<b>Kw Rating</b>	150 kW
<b>Rated power in VA</b>	150 kVA
<b>Battery type</b>	External battery system Li-Ion (Lithium Ion) VRLA
<b>Provided equipment</b>	Dust filter EcoStruxure IT ready (UPS) Installation guide Integrated network management Power modules ship installed Start-Up Service

### Batteries & Runtime

<b>Battery voltage</b>	480-576VDC
<b>End of Discharge Battery Voltage</b>	384 V DC
<b>End of Discharge Maximum Battery Current</b>	407 A
<b>Battery power in VAH</b>	0 VAh runtime
<b>Extendable Run Time</b>	0

### General

<b>Bypass Voltage Tolerance</b>	+/- 10 %
<b>Redundant</b>	No

## Physical

Color	White
Height	58.46 in (148.5 cm)
Width	20.51 in (52.1 cm)
Depth	33.35 in (84.7 cm)
Net Weight	639.34 lb(US) (290 kg)
USB compatible	No

## Input

Input Frequency	40 - 70 Hz
Efficiency at full load	340...460 V 400 V
Maximum Input Current per Phase	270 A
Maximum Short Circuit Withstand (Icw)	65 kA
Input Total Harmonic Distortion	Less than 3% for full load
Load power factor	From 0.7 leading to 0.7 lagging without any derating
Input Power Factor at Full Load	0.99

## Output

Max Configurable Power (Watts)	150 kW
Output Frequency (sync to mains)	50 Hz sync to mains 60 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal not synced 60 Hz +/- 0.1 % for 60 Hz nominal not synced
Crest factor	2.5
Waveform Type	Sine wave
Output voltage tolerance	+/-1% after 50ms
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Bypass type	Built-in Static Bypass
Maximum configurable power in VA	150 kVA

## Conformance

Standards	IEC 62040-1-1 IEC 62040-2 IEC 60721-4-2 Level 2M2 OSHDP UL 1778 5th edition
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## Environmental

Ambient air temperature for operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 % non-condensing
Operating altitude	0...3333 ft
Ambient Air Temperature for Storage	-13...131 °F (-25...55 °C)
Storage Relative Humidity	10...80 % non-condensing
Acoustic level	65 dBA

Heat dissipation	16900 Btu/h
IP degree of protection	IP21

## Communications & Management

Free slots	1
Control panel	Touch Screen LCD User Interface

## Ordering and shipping details

GTIN	731304407911
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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	66.14 in (168 cm)
Package 1 Width	38.98 in (99 cm)
Package 1 Length	25.20 in (64 cm)
Package 1 Weight	694.46 lb(US) (315 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

## Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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## Recommended replacement(s)