

# Product datasheet

Specifications



## Galaxy VS UPS 30kW 400V with N+1 power module for external batteries, Start-up 5x8

GVSUPS30KRHS

### Overview

<b>Presentation</b>	Highly efficient, easy-to-deploy 30kW, 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 and one additional power module for N+1 redundancy.
<b>Lead time</b>	Usually Ships within 2 Weeks

### Main

<b>Main Input Voltage</b>	400 V 3 phases
<b>Other Input Voltage</b>	380 V 415 V
<b>Main Output Voltage</b>	400 V 3 phases
<b>Rated power in W</b>	30 kW
<b>Rated power in VA</b>	30 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>	384...576 V DC
<b>Discharge battery voltage</b>	307 V DC
<b>Max current discharge</b>	102 A

### General

<b>Bypass voltage tolerance</b>	+/- 10 %
<b>Redundant</b>	Yes

### Physical

<b>Colour</b>	White
<b>Height</b>	148.5 cm
<b>Width</b>	52.1 cm

Depth	84.7 cm
Net weight	250 kg

## Input

Network frequency	40...70 Hz
Input voltage limits	340...460 V 400 V
Maximum input current	54 A
Max short time withstand current	65 kA
Input harmonic distortion	Less than 3 % for full load
Load power factor	From 0.7 leading to 0.7 lagging without any derating

## Output

Maximum configurable power in W	30 kW
Output frequency	50 Hz sync to mains 60 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Crest factor	2.5
Wave type	Sine wave
Output voltage tolerance	+/-1% after 50ms
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	Built-in static bypass
Maximum configurable power in VA	30 kVA

## Conformance

Standards	EN/IEC 62040-1 EN/IEC 62040-2 FCC part 15 class A IEC 60721-4-2 level 2M2 UL 1778 5th edition
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## Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...3300 ft
Ambient air temperature for storage	-25...55 °C
Storage Relative Humidity	10...80 % non-condensing
Acoustic level	68 dBA
Heat dissipation	3122 Btu/h
IP degree of protection	IP21

## 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	168 cm
Package 1 Width	99 cm
Package 1 Length	64 cm
Package 1 Weight	250 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	Yes
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)