

# GVSUPS80KB5HS

Galaxy VS UPS 80kW 400V, 3 internal 9Ah  
smart modular battery strings, expandable to 5,  
Start-up 5x8



## Overview

Presentation	Highly efficient, easy-to-deploy 80kW, 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 3 smart modular high capacity battery strings, expandable to 5 strings for extended runtime. See the battery runtime chart for details.
Lead time	Usually Ships within 2 Weeks

## Main

Main Input Voltage	3 phase
Other Input Voltage	380 V 415 V
Main Output Voltage	400 V 3 phase
Other Output Voltage	380 V 415 V
Kw Rating	80 kW
Rated power in VA	80 kVA
Battery Type	Internal modular battery VRLA
Provided equipment	Dust filter Installation manual Integrated network management Battery modules ship installed Start-Up Service EcoStruxure Ready

## General

Redundant	No
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## Physical

Color	White
Height	77.56 in (197 cm)
Width	21.65 in (55 cm)
Depth	33.35 in (84.7 cm)
Net Weight	1499.14 lb(US) (680 kg)
USB compatible	No

## Input

Input Frequency	40 - 70 Hz
Efficiency at full load	340...460 V 400 V
Maximum Input Current per Phase	144 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)	80 kW
Harmonic distortion	Less than 3%
Output Frequency (sync to mains)	50 Hz sync to mains 60 Hz sync to mains
Crest factor	2.5
Waveform Type	Sine wave
Output voltage tolerance	+/- 5% after 2ms +/-1% after 50ms
Output Voltage THD	< 1% linear load and < 3% non-linear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Bypass type	Built-in Static Bypass
Maximum configurable power in VA	80 kVA

## Conformance

Standards	IEC 62040-1-1 IEC 62040-2 OSHPD
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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...3300 ft
Ambient Air Temperature for Storage	5...104 °F (-15...40 °C)
Storage Relative Humidity	Non-condensing 10...80 %
Storage altitude	0...10000 ft (0.00...3048.00 m)
Acoustic level	65 dBA
Heat dissipation	9263 Btu/h
IP degree of protection	IP20

## Batteries & Runtime

Battery Voltage	480V
End of Discharge Battery Voltage	384 V
End of Discharge Maximum Battery Current	217 A
Battery power in VAh	0 VAh runtime
Extendable Run Time	0

## Communications & Management

Control panel	Touch Screen LCD User Interface
Audible Alarm	Audible and visible alarms prioritized by severity

## Ordering and shipping details

GTIN	731304410027
Package weight(Lbs)	595.25 lb(US) (270 kg)

## Packing Units

Package 1 Height	81.97 in (208.2 cm)
Package 1 width	29.72 in (75.5 cm)
Package 1 Length	39.76 in (101 cm)

## 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>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</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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