# Product data sheet

Specifications





# Galaxy VS UPS 40kW 400V for up to 4 internal 9Ah smart modular battery strings, Start-up 5x8

GVSUPS40K0B4HS

#### Overview

Presentation	Highly efficient, easy-to-deploy 40kW, 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. This UPS is for up to 4 smart modular high capacity battery strings, but is supplied without batteries, so you can easily customize the battery runtime. Includes 5x8 start-up service.
Lead time	Usually Ships within 2 Weeks

#### Main

Main	
Main Input Voltage	400 V 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	40 kW
Rated power in VA	40 kVA
Battery Type	Internal modular battery VRLA
Provided equipment	Dust filter Installation manual Integrated network management Start-Up Service EcoStruxure Ready
Range of Product	Galaxy VS
Range Compatibility	Galaxy VS

## **Batteries & Runtime**

Efficiency	View Efficiency Graph ☐
Battery Voltage	480V
End of Discharge Battery Voltage	384 V
End of Discharge Maximum Battery Current	109 A
Battery power in VAH	0 VAh runtime
Extendable Run Time	0

#### **General**

Redundant No

-		
Product or Component Type	Uninterruptible power supply (UPS)	

# **Physical**

color	White
Height	58.5 in (148.5 cm)
Width	20.5 in (52.1 cm)
Depth	33.3 in (84.7 cm)
Net Weight	440.9 lb(US) (200 kg)
USB compatible	No

# Input

Input Frequency	40 - 70 Hz
Efficiency at full load	340460 V 400 V
Maximum Input Current per Phase	72 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)	40 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	40 kVA

## Conformance

Standards	IEC 62040-1-1
	IEC 62040-2
	OSHPD

## **Environmental**

Ambient Air Temperature for Operation	32.0000000000104.00000000000 °F (040 °C)
Relative Humidity	095 % non-condensing
Operating altitude	03300 ft
Ambient Air Temperature for Storage	5.0000000000104.0000000000 °F (-1540 °C)
Storage Relative Humidity	1080 % non-condensing

Storage altitude	010000 ft (0.00000000003048.0000000000 m)
acoustic level	61 dBA
Online Thermal Dissipation	4658 Btu/h
IP degree of protection	IP20

## **Communications & Management**

Control panel Touch Screen LCD User Interface

# Ordering and shipping details

**GTIN** 731304410065

## **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	66.1 in (168 cm)
Package 1 Width	39.0 in (99 cm)
Package 1 Length	25.2 in (64 cm)
Package 1 Weight	440.9 lb(US) (200 kg)

## **Contractual warranty**

Warranty

1 year on-site repair or replace with factory authorized Start-Up



**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

Learn more about Green Premium >









Energy Efficient Take-back Transparency RoHS/REACh

## Resource performance

Energy Efficient Product



Take-Back Program Available

## Well-being performance

Rohs Exemption Information

es

#### **Certifications & Standards**

Reach Regulation

Eu Rohs Directive

Compliant with Exemptions

China Rohs Regulation

China RohS declaration

Product out of China RohS scope. Substance declaration for your information.

Environmental Disclosure

Product Environmental Profile

Circularity Profile

End of Life Information

Image of product / Alternate images

#### **Alternative**



