

# Product datasheet

Specifications



## Galaxy VS UPS 20kW 400V with N+1 power module, for 5 smart modular 9Ah battery strings, Start-up 5x8

GVSUPS20KR0B5HS

### Overview

**Presentation** Highly efficient, easy-to-deploy 20kW, 400V 3-phase UPS. Galaxy VS 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 5 smart modular high capacity battery strings, but is supplied without batteries, so you can easily customize the battery runtime. Includes 5x8 start-up service and one additional power module for N+1 redundancy.

**Lead Time** Usually Ships within 2 Weeks

### Main

**Main Input Voltage** 400 V 3 phases

**Other Input Voltage** 380 V  
415 V

**Main Output Voltage** 400 V 3 phases

**Other Output Voltage** 380 V  
415 V

**Rated Power In W** 20 kW

**Rated Power In Va** 20 kVA

**Battery Type** Internal modular battery  
VRLA

**Provided Equipment** Dust filter  
Installation manual  
Integrated network management  
Start-up service  
EcoStruxure Ready

### Batteries & Runtime

**Efficiency** [View Efficiency Graph](#)

**Battery Voltage** 480 V

**Discharge Battery Voltage** 384 V

**Max Current Discharge** 54 A

**Battery Power In Vah** 0 VAh runtime

**Extended Runtime** 0

### General

**Redundant** Yes

**Product Or Component Type** Uninterruptible power supply (UPS)

### Physical

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Colour	White
Height	197 cm
Width	55 cm
Depth	84.7 cm
Net Weight	266 kg
Usb Compatible	No

## Input

Network Frequency	40...70 Hz
Input Voltage Limits	340...460 V 400 V
Maximum Input Current	36 A
Max Short Time Withstand Current	65 kA
Input Harmonic Distortion	Less than 6 % 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

Maximum Configurable Power In W	20 kW
Harmonic Distortion	Less than 3 %
Output Frequency	50 Hz sync to mains 60 Hz sync to mains
Crest Factor	2.5
Wave Type	Sine wave
Output Voltage Tolerance	+/- 5% after 2ms +/-1% after 50ms
Output Harmonic Distortion	< 1% linear load and < 3% 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	20 kVA

## Conformance

Standards	IEC 62040-1-1 IEC 62040-2 OSHDP
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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	-15...40 °C
Storage Relative Humidity	10...80 % non-condensing
Storage Altitude	0.00...3048.00 m
Acoustic Level	54 dBA

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Heat Dissipation	2213 Btu/h
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Ip Degree Of Protection	IP20
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## Communications & Management

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Control Panel	Touch screen LCD user interface
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## Packing Units

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Unit Type Of Package 1	PCE
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Number Of Units In Package 1	1
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Package 1 Height	208.2 cm
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Package 1 Width	101 cm
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Package 1 Length	75.5 cm
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Package 1 Weight	250 kg
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## Contractual warranty

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

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class 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.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Energy Efficient Take-back Transparency RoHS/REACH

## Resource performance

Energy Efficient Product

Take-Back Program Available

## Well-being performance

Mercury Free

Rohs Exemption Information [Yes](#)

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive [Compliant with Exemptions](#)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)