## **Product datasheet**

Specifications





# Galaxy VS UPS 40kW 400V with N+1 power module for external batteries, Start-up 5x8

GVSUPS40KRHS

## 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. 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<br>415 V   |
| Main Output Voltage | 400 V 3 phases   |
| Rated Power In W    | 40 kW  |
| Rated Power In Va   | 40 kVA   |
| Battery Type        | External battery system<br>Li-Ion (Lithium-Ion)<br>VRLA  |
| Provided Equipment  | Dust filter<br>EcoStruxure IT ready (UPS)<br>Installation guide<br>Integrated network management<br>Power modules ship installed<br>Start-up service |

## **Batteries & Runtime**

| Battery Voltage           | 384576 V DC |
|---------------------------|-------------|
| Discharge Battery Voltage | 307 V DC    |
| Max Current Discharge     | 136 A       |

#### General

| Bypass Voltage Tolerance | +/- 10 % |
|--------------------------|----------|
| Redundant                | Yes      |

## Physical

| Colour     | White    |
|------------|----------|
| Height     | 148.5 cm |
| Width      | 52.1 cm  |
| Depth      | 84.7 cm  |
| Net Weight | 250 kg   |

## Input

| Network Frequency                   | 4070 Hz  |
|-------------------------------------|--|
| Input Voltage Limits                | 340460 V 400 V                                       |
| Maximum Input Current               | 72 A   |
| Max Short Time Withstand<br>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<br>W | 40 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 Туре                          | 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      | 40 kVA   |

Maximum Configurable Power In 40 k

#### 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     |  |

## Environmental

| Ambient Air Temperature For<br>Operation | 040 °C                |
|--|-----------------------|
| Relative Humidity                        | 095 % non-condensing  |
| Operating Altitude                       | 03300 ft              |
| Ambient Air Temperature For<br>Storage   | -2555 °C              |
| Storage Relative Humidity                | 1080 % non-condensing |
| Acoustic Level                           | 68 dBA                |
| Heat Dissipation                         | 4333 Btu/h            |
| Ip Degree Of Protection                  | IP21                  |

## **Communications & Management**

| Control Panel | Touch screen LCD user interface |
|---------------|---------------------------------|
| Decking Unite |                                 |

## 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 |

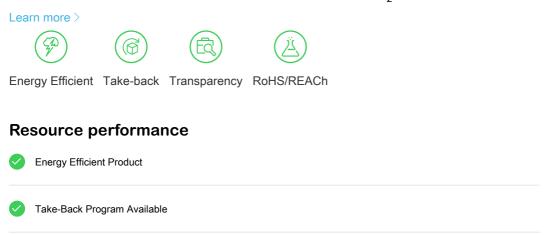
#### **Contractual warranty**

Warranty

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

## Sustainability Screen Premium

**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.



#### Well-being performance

Rohs Exemption Information Yes

#### **Certifications & Standards**

| Reach Regulation         | REACh Declaration                |
|--------------------------|----------------------------------|
| Eu Rohs Directive        | Compliant<br>EU RoHS Declaration |
| China Rohs Regulation    | China RoHS declaration           |
| Environmental Disclosure | Product Environmental Profile    |
| Circularity Profile      | End of Life Information          |