

Product datasheet

Specifications



Galaxy VS UPS 80kW 400V for External Batteries, Start-up 5x8

GVSUPS80KHS

Overview

Presentation Highly efficient, easy-to-deploy 80kW, 400V 3-phase uninterruptible power supply (UPS) that brings best-in-class power protection to edge, small and medium data centers, as well as to critical infrastructure in commercial and industrial applications. Compact design, high-density technology and modular architecture keep total cost of ownership low and operational efficiency at the highest levels. Galaxy VS reduces your energy losses by up to 66% with eConversion mode – reaching up to 99% efficiency levels and delivering more energy savings than even our industry-leading 97% efficiency in double conversion mode. The UPS is EcoStruxure connected to give you peace of mind with cloud-based remote monitoring and management via your smartphone. Includes 5x8 start-up service.

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	80 kW
Rated power in VA	80 kVA
Output connector type	Hard wire 5-wire (3P + N + E) for 1 zone(s)
Battery type	External battery system Li-Ion (Lithium-Ion) VRLA
Provided equipment	Dust filter Installation guide Integrated network management Power modules ship installed Start-up service Top and bottom cable entry
Range of product	Galaxy VS
Range compatibility	Galaxy VS

Batteries & Runtime

Efficiency	View Efficiency Graph
Battery voltage	384...576 V DC
Discharge battery voltage	307 V DC
Max current discharge	217 A
Battery power in VAH	0 VAh runtime

Extended runtime	0
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General

Bypass voltage tolerance	+/- 10 %
Max bypass input current	129 A
Redundant	No
Product or component type	Uninterruptible power supply (UPS)

Physical

Colour	White
Height	148.5 cm
Width	52.1 cm
Depth	84.7 cm
Net weight	250 kg
USB compatible	No

Input

Network frequency	40...70 Hz
Number of input connectors	1 hard wire 3-wire (3P + E) 1 hard wire 5-wire (3P + N + E)
Input voltage limits	340...460 V 400 V
Maximum input current	148 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
Input Power Factor at Full Load	0.99

Output

Maximum configurable power in W	80 kW
Harmonic distortion	Less than 3 %
Output frequency	50 Hz sync to mains 60 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest factor	2.5
Wave type	Sine wave
Output voltage tolerance	+/-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	80 kVA

Conformance

Standards	CSA C22.2 No 107.3 EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 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...3281 ft
Ambient air temperature for storage	-25...55 °C
Storage Relative Humidity	10...80 % non-condensing
Storage altitude	0...15240 m
Acoustic level	65 dBA
Heat dissipation	7449 Btu/h
IP degree of protection	IP21

Communications & Management

Free slots	1
Control panel	Touch screen LCD user interface

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	275 kg

Contractual warranty

Warranty (in months)	12
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

No

[EU RoHS Directive](#)

Compliant with Exemptions

REACH Regulation

[REACH Declaration](#)

Energy efficiency

Energy Efficiency Optimized

Energy efficient product

Use Again

Repack and remanufacture

End of life manual availability

[End of Life Information](#)

Take-back

No

WEEE Label


 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative

