

Product datasheet

Specifications



Galaxy VS UPS 20kW 400V India for External Batteries, Start-up 5x8

GVSUPS20KHINS

Overview

Presentation Highly efficient, easy-to-deploy 20kW, 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 the patented EConversion mode – reaching up to 99% efficiency levels and delivering more energy savings than even our industry-leading 97% efficiency in normal operating mode. The UPS is EcoStruxure-ready to give you peace of mind with cloud-based remote monitoring and management via your smartphone. Includes 5x8 start-up service. For battery runtime details, see the runtime charts published under the Documents tab.

Lead time Usually Ships within 2 Weeks

Main

Main Input Voltage	400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases
Input voltage	380 V 415 V
Maximum input current	37 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
Cos phi	0.99
Input voltage limits	340...460 V 400 V
Number of input connectors	1 hard wire 4-wire (3P + E) 1 hard wire 5-wire (3P + N + E)
Network frequency	40...70 Hz
Output voltage	400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases
Output voltage	380 V 415 V
Rated power in W	20 kW
rated power in VA	20 kVA
Output connector type	Hard wire 5-wire (3P + N + E) for 1 zone(s)
Bypass type	Built-in static bypass
Crest factor	2.5
Harmonic distortion	Less than 3 %
Maximum configurable power in VA	20 kVA

Maximum configurable power in W	20 kW
Output harmonic distortion	< 1% linear load and < 3% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Output voltage tolerance	+/-1% after 50ms
Wave type	Sine wave
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

Graphs

Efficiency

[View Efficiency Graph](#) 

Complementary

Max current discharge	68 A
Battery type	Lead-acid external sold separately Li-Ion (Lithium-Ion) external sold separately
Control panel	Touch screen LCD user interface
Free slots	1
UPS connectivity	Embedded network management card 4
Colour	White
Height	148.5 cm
Width	52.1 cm
Depth	84.7 cm
Product weight	210 kg
USB compatible	No
Provided equipment	Dust filter Installation guide Integrated network management Power modules ship installed Start-up service Top and bottom cable entry
Bypass voltage tolerance	+/- 10 %
Max bypass input current	32 A
Redundant	No
Range of product	Galaxy VS
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certifications	FCC part 15 class A UL 1778 5th edition
Standards	CSA C22.2 No 107.3 EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 IEC 60721-4-2 level 2M2
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-25...55 °C

Storage altitude	0...15240 m
IP degree of protection	IP21
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	10...80 % non-condensing
Acoustic level	65 dBA
Heat dissipation	2187.8 Btu/h
Operating altitude	0...3281 ft

Batteries & Runtime

Battery type	External battery system Li-Ion (Lithium-Ion) VRLA
Battery voltage	384...576 V DC
Extended runtime	0
Discharge battery voltage	307 V DC

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	235 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

SCIP Number

7547f066-9302-46d9-96e9-461928dd6901

EU RoHS Directive

[Compliant By Exemption](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)



Energy efficiency

Energy Efficiency Optimized

Energy efficient product

Use Longer



Lifetime extension

Repair

No

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



