

Product datasheet

Specifications



Galaxy VS UPS 10kW 400V, 1 internal 9Ah smart modular battery string, expandable to 4, Start-up 5x8

GVSUPS10KB4HS

Overview

Presentation Highly efficient, easy-to-deploy 10kW, 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 1 smart high-capacity modular battery string, expandable to 4 strings for extended runtime. Runtime charts available in 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 18 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 10 kW

rated power in VA 10 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 10 kVA

Maximum configurable power in W 10 kW

Output harmonic distortion < 1% linear load and < 3% non-linear load

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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

Complementary

Max current discharge	27 A
Battery type	Lead-acid internal
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	320 kg
USB compatible	No
Provided equipment	Battery modules ship installed Dust filter EcoStruxure IT ready (UPS) Installation guide Integrated network management Power modules ship installed Start-up service
Bypass voltage tolerance	+/- 10 %
Redundant	No
Range of product	Galaxy VS
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certifications	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	-15...40 °C
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	55 dBA
Operating altitude	0...1000 m

Batteries & Runtime

Battery type	Internal modular battery VRLA
Battery voltage	480 V
Extended runtime	0
Discharge battery voltage	384 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	360 kg

Logistical informations

Country of origin	PH
--------------------------	----

Contractual warranty

Warranty (in months)	12
-----------------------------	----



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

Total lifecycle Carbon footprint	17 881 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	3 844 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	162 kg CO2 eq.
Carbon footprint of the installation phase [A5]	38 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	13 019 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	819 kg CO2 eq.
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


Recyclability potential, in %	42
End of life manual availability	End of Life Information
Removable battery	Yes
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





