

Product data sheet

Specifications



Galaxy VS UPS 60kW 480V for up to 5 internal 9Ah smart modular battery strings, Start-up 5x8

GVSUPS60K0B5GS

Overview

Presentation	Highly efficient, easy-to-deploy 60kW, 480V 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. 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.
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Main

Main input voltage	480 V AC 3 phase
Maximum input current	89 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
Efficiency at full load	408...552 V 480 V
Input frequency	40 - 70 Hz
Output voltage	480 V AC 3 phase
Rated power in W	60 kW
Rated power in VA	60 kVA
Bypass type	Built-in Static Bypass
Crest factor	2.5
Harmonic distortion	Less than 3%
Maximum configurable power in VA	60 kVA
Maximum configurable power in W	60 kW
Output harmonic distortion	< 1% linear load and < 3% non-linear load
Output overload operation	10 minutes @ 125% and 60 seconds @ 150%
Output voltage tolerance	+/-1% after 50ms
Waveform type	Sine wave
Output frequency	50 Hz sync to mains 60 Hz sync to mains

Complementary

Max current discharge	163 A
Battery type	Lead-acid internal sold separately
Control panel	Touch Screen LCD User Interface

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

UPS connectivity	Embedded network management card 4
Color	White
Height	77.6 in (197 cm)
Width	21.7 in (55 cm)
Depth	33.3 in (84.7 cm)
Product weight	619.5 lb(US) (281 kg)
USB compatible	No
Provided equipment	Dust filter Installation manual Integrated network management Start-Up Service EcoStruxure Ready
Redundant	No
Range of product	Galaxy VS
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	ENERGY STAR V2.0 (USA)
Standard	CSA C22.2 No 107.3 FCC Part 15 class A IEC 62040-1-1 IEC 62040-2 IEC 62040-3 UL 1778 5th edition OSHPPD
Ambient air temperature for operation	32...104 °F (0...40 °C)
Ambient air temperature for storage	5...104 °F (-15...40 °C)
Storage altitude	0...10000 ft (0...3048 m)
IP protection	IP20
Relative humidity	0...95 % non-condensing
Storage relative humidity	10...80 % non-condensing
Acoustic level	54 dBA
Heat dissipation	5978 Btu/h
Operating altitude	0...3300 ft

Batteries & Runtime

Battery type	Internal modular battery VRLA
Battery voltage	480V
Extendable runtime	0
Discharge battery voltage	384 V DC

Ordering and shipping details

GTIN	731304409946
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Packing Units

Unit Type of Package 1	PCE
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Nbr. of units in pkg.	1
Package 1 Height	77.6 in (197 cm)
Package 1 Width	21.7 in (55 cm)
Package 1 Length	33.3 in (84.7 cm)
Package weight(Lbs)	551.2 lb(US) (250 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

Total lifecycle Carbon footprint	99 532 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	7 578 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	320 kg CO2 eq.
Carbon footprint of the installation phase [A5]	74 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	89 945 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	1 614 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
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold



Energy efficiency

Optimized Energy Efficiency	Energy efficient product
ENERGY STAR®	ENERGY STAR UPS V2.0 (USA)

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	42
Circularity Profile	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



