

Product data sheet

Specifications



Galaxy VS UPS 20kW with transformer, 480V Input 400V Output, with 2 modular battery strings expandable to 3

GVSUPS20K100B3H

Overview

Presentation	Highly efficient, easy-to-deploy, and modular 20kW 3-phase UPS, 480V Input 400V Output, designed to tolerate high peak loads of up to 80kW. It includes a 20kW 480V: 400V Input transformer and 2 smart modular high capacity battery strings, expandable to 3 strings for extended runtime.
Lead time	Usually Ships within 2 Weeks

Main

Main Output Voltage	400 V 3 phase
Kw Rating	20 kW
Rated power in VA	20 kVA
Battery Type	Internal modular battery VRLA
Provided equipment	Dust filter Installation manual Integrated network management EcoStruxure Ready
Range of Product	Galaxy VS
Range Compatibility	Galaxy VS

Batteries & Runtime

End of Discharge Maximum Battery Current	54 A
---	------

General

Product or Component Type	Uninterruptible power supply (UPS)
----------------------------------	------------------------------------

Physical

color	White
Height	77.6 in (197 cm)
Width	21.7 in (55 cm)
Depth	33.3 in (84.7 cm)
Net Weight	1933.5 lb(US) (877 kg)

Input

Maximum Input Current per Phase	34 A
Maximum Short Circuit Withstand (Icw)	20 kA
Input Total Harmonic Distortion	Less than 6 % for full load

Load power factor	From 0.7 leading to 0.7 lagging without any derating
-------------------	--

Output

Crest factor	2.5
--------------	-----

Waveform Type	Sine wave
---------------	-----------

Output voltage tolerance	+/- 1 %
--------------------------	---------

Output Voltage THD	< 1% linear load and < 5% non-linear load
--------------------	---

Bypass type	Built-in Static Bypass
-------------	------------------------

Environmental

Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
---------------------------------------	-------------------------

Operating altitude	0...9842.52 ft (0...3000 m)
--------------------	-----------------------------

Ambient Air Temperature for Storage	5...104 °F (-15...40 °C)
-------------------------------------	--------------------------

Storage Relative Humidity	10...80 % non-condensing
---------------------------	--------------------------

acoustic level	65 dB
----------------	-------

IP degree of protection	IP20
-------------------------	------

Communications & Management

Control panel	Touch Screen LCD User Interface
---------------	---------------------------------

Ordering and shipping details

GTIN	731304435204
------	--------------

Packing Units

Unit Type of Package 1	PCE
------------------------	-----

Number of Units in Package 1	1
------------------------------	---

Package 1 Height	78.7 in (2000 mm)
------------------	-------------------

Package 1 Width	35.4 in (900 mm)
-----------------	------------------

Package 1 Length	23.6 in (600 mm)
------------------	------------------


Package 1 Weight	1918.02 lb(US) (870 kg)
------------------	-------------------------


Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

[Learn more about Green Premium >](#)

Well-being performance

 Mercury Free

 Rohs Exemption Information [Yes](#)

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
