Product data sheet

Specifications



Galaxy VS UPS 20kW 208V with N+1 power module for external batteries, Start-up 5x8

GVSUPS20KRFS

Overview

Presentation	Highly efficient, easy-to-deploy 20kW, 208V 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 one additional power module for N+1 redundancy.
Lead time	Usually Ships within 2 Weeks

Main

Main Input Voltage	208 V 3 phases
Other Input Voltage	200 V 220 V
Main Output Voltage	208 V 3 phases
Rated power in W	20 kW
Rated power in VA	20 kVA
Battery type	External battery system Li-Ion (Lithium-Ion) VRLA
Provided equipment	Dust filter EcoStruxure IT ready (UPS) Installation guide Integrated network management Power modules ship installed Start-up service

General

Bypass voltage tolerance	+/- 10 %
Redundant	Yes

Physical

Colour	White
Height	148.5 cm
Width	52.1 cm
Depth	84.7 cm
Net weight	250 kg

Input

Network frequency	40...70 Hz

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

Input voltage limits	177...239 V 208 V
Maximum input current	72 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

Output

Maximum configurable power in W	20 kW
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
Crest factor	2.5
Wave type	Sine wave
Output voltage tolerance	+/-1% after 50ms
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Bypass type	Built-in static bypass
Maximum configurable power in VA	20 kVA

Conformance

Standards	IEC 62040-1-1 IEC 62040-2 UL 1778 5th edition FCC part 15 class A IEC 60721-4-2 level 2M2 UL 924

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 % non-condensing
Operating altitude	0...3300 ft
Ambient air temperature for storage	-25…55 °C
Storage Relative Humidity	10…80 % non-condensing
Acoustic level	68 dBA
Heat dissipation	4019 Btu/h
IP degree of protection	IP21

Batteries & Runtime

Battery voltage	384...480 V DC
Discharge battery voltage	307 V DC
Max current discharge	68 A

Communications & Management

Control panel	Touch screen LCD user interface
Alarm	Audible and visible alarms prioritized by severity

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up

Recommended replacement(s)