

Product data sheet

Specifications



Emergency lighting Galaxy 300 20KVA 400V 3:1 CLA TM 60 min 13.3KW

G3H20K3IM6X710

⚠ Discontinued on: Apr 24, 2023

⚠ End-of-service on: Oct 18, 2023

⚠ Discontinued

Overview

Presentation	Three phase UPS for emergency lighting applications available in 3:1 and 3:3, 60 or 90 minute runtime options
Lead Time	Usually Ships within 2 Weeks

Main

Main Input Voltage	400 V 3 phases
Other Input Voltage	380 V 415 V
Main Output Voltage	230 V
Rated Power In W	13300 W
Rated Power In Va	20000 VA
Output Connector Type	Hard wire 3-wire (H N + E) 1
Battery Type	Lead-acid battery
Provided Equipment	User manual

Batteries & Runtime

Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Additional Information	Configurable for 220 : 230 or 240 nominal output voltage
Battery Power In Vah	0 VAh runtime
Extended Runtime	0

General

Product Web Sub-Family	Galaxy 300
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

Physical

Height	130 cm
Width	50 cm

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

Depth	86 cm
Net Weight	185 kg
Mounting Preference	No preference
Usb Compatible	No

Input

Network Frequency	45...65 Hz
Number Of Input Connectors	1 hard wire 5-wire (3P + N + E)
Input Voltage Limits	323...437 V adjustable 380 V 340...460 V adjustable 400 V 357...477 V adjustable 415 V 340...460 V 400 V
Maximum Input Current	30 A
Switching Current Capacity	63 A
Input Harmonic Distortion	Less than 9 % for full load
Input Protection Type	GL fuse
Inrush Current	200 A peak
Load Power Factor	0.5 leading to 0.5 lagging
Input Power Factor At Full Load	0.99

Output

Maximum Configurable Power In W	16000 W
Harmonic Distortion	Less than 3 %
Output Frequency	50/60 Hz +/- 5 % sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest Factor	2.5 : 1
Wave Type	Sine wave
Output Voltage Tolerance	+/- 2% static and 100% load step
Output Harmonic Distortion	< 3% linear load and < 5% non-linear load
Output Overload Operation	60 seconds at 120% and 30 seconds at 145%
Required Output Current Protection	250 A
Bypass Type	Built-in maintenance bypass
Efficiency	93 % (full load) 92.9 % (half load)
Maximum Configurable Power In Va	20000 VA

Conformance

Product Certifications	CE TÜV
Standards	EN/IEC 62040-1-1 EN/IEC 62040-2 EN/IEC 62040-3 EN 61000-4-4

Environmental

Ambient Air Temperature For Operation	0...35 °C
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Relative Humidity	0...95 %
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-10...60 °C
Storage Relative Humidity	0...95 %
Storage Altitude	0.00...9144.00 m
Acoustic Level	54.5 dBA
Heat Dissipation	1212 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Free Slots	0
Preinstalled Device	Network management card
Control Panel	Multifunction LCD status and control console
Emergency Power Off	Yes

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	144 cm
Package 1 Width	96.5 cm
Package 1 Length	80 cm
Package 1 Weight	211 kg

Contractual warranty

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

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Eu Rohs Directive

Under investigation
