Product data sheet

Specifications

Discontinued - Service only

MGE Galaxy 5500 80kVA 400V Integrated Parallel UPS, Start-up 5x8

G55TUPSM80HINS

Discontinued on: Nov 22, 2021

To be end-of-service on: Dec 31, 2031

Overview

Presentation	A versatile 3-phase UPS for facility, industrial and data center applications. Configurable system with a comprehensive range of accessories to meet your application demands.
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	400 V 3 phases
Other Output Voltage	380 V 415 V
Rated power in W	72000 W
Rated power in VA	80000 VA
Output connector type	Hard wire 4-wire (3P + N) 1
Battery type	External battery system
Provided equipment	Installation guide Network management card Start-up service User manual

Batteries & Runtime

Number of battery filled slots	0
Number of battery free slots	0
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery power in VAH	0 VAh runtime
Extended runtime	0

General

Bypass voltage tolerance	+/- 10 % settable from +/- 4/6/8 and 10 %
Max bypass input current	115 A
Number of power module free slots	0
Number of power module filled slots	0

Redundant	No

Physical

Height	190 cm
Width	71.2 cm
Depth	85.5 cm
Net weight	520 kg
Mounting preference	No preference
USB compatible	No

Input

Network frequency	45...65 Hz
Input voltage limits	323...437 V 380 V 340...460 V 400 V 353...477 V 415 V
Maximum input current	152 A
Switching current capacity	160 A
Max short time withstand current	30 kA
Input harmonic distortion	Less than 3 % for full load
Input protection type	GL fuse
Load power factor	0.9
Input Power Factor at Full Load	1

Output

Maximum configurable power in W	72000 W
Harmonic distortion	Less than 2 %
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest factor	3 : 1
Wave type	Sine wave
Output voltage tolerance	+/- 1% static and +/- 5% at 100% load step
Output harmonic distortion	< 1% linear load and < 2.5% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Required output current protection	115 A
Neutral output current	115 A
Bypass type	Built-in maintenance bypass Built-in static bypass Optional external bypass
Efficiency	93.4 % (full load)
Maximum output current	360 A
Maximum configurable power in VA	80000 VA

Conformance

Product certifications	CE TÜV VDE
Standards	IEC 62040-1-2 EN/IEC 62040-2 EN/IEC 62040-3 ISO 9001

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 %
Operating altitude	0...3333 ft
Ambient air temperature for storage	-20…45 °C
Storage Relative Humidity	0…95 %
Storage altitude	0.0000000000…9753.6 m
Acoustic level	61 dBA
Heat dissipation	16587 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	2
Preinstalled device	Network management card 2 with environmental monitoring, out of band access and Modbus
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	203 cm
Package 1 Width	96 cm
Package 1 Length	98 cm
Package 1 Weight	540 kg

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up, 1 year (parts only)

Sustainability

Green Premium^{TM} 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-CO_2 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