

Product data sheet

Specifications

MGE Galaxy PW 200kVA



GWTUPS200

⚠ Discontinued on: Jul 7, 2021

⚠ End-of-service on: Oct 18, 2023

⚠ Discontinued

Overview

Presentation	Performance 3 phase power protection designed for flexibility in order to meet a wide range of requirements: from data centers to industrial and facilities applications.
Lead Time	Usually Ships within 2 Weeks

Main

Main Input Voltage	208 V 3 phases 480 V 3 phases 600 V 3 phases
Other Input Voltage	400 V
Main Output Voltage	208 V 3 phases 480 V 3 phases 600 V 3 phases
Other Output Voltage	400 V
Rated Power In W	160000 W
Rated Power In Va	200000 VA
Output Connector Type	Hard wire 5-wire (3P + N + E) 1 Hard wire 4-wire (3P + N) 1
Battery Type	External battery system
Provided Equipment	Installation guide 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
Max Current Discharge	540 A
Battery Power In Vah	0 VAh runtime
Extended Runtime	0

General

Bypass Wiring Configuration	4 wire (3P + N) 5 wire (3P + N + E)
Bypass Voltage Tolerance	+/- 10 % settable from +/- 4/6/8 and 10 %
Max Bypass Input Current	338 A
Bypass Current Protection	400 A

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

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

Physical

Colour	Beige
Height	190 cm
Width	101.5 cm
Depth	82.5 cm
Net Weight	1200 kg
Usb Compatible	No

Input

Network Frequency	45...65 Hz
Number Of Input Connectors	1 hard wire 4-wire (3P + N) 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 177...239 V 208 V 340...460 V 400 V 408...552 V 480 V
Maximum Input Current	692 A
Switching Current Capacity	400 A
Max Short Time Withstand Current	16 kA
Input Harmonic Distortion	Less than 7 % for full load
Input Protection Type	3-pole circuit breaker
Inrush Current	200 A peak
Load Power Factor	0.8
Input Power Factor At Full Load	0.81

Output

Maximum Configurable Power In W	160000 W
Harmonic Distortion	Less than 2 %
Output Frequency	50/60 Hz +/- 5 % sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Wave Type	Sine wave
Output Voltage Tolerance	+/- 1% static and +/- 5% at 100% load step
Output Harmonic Distortion	< 2% linear load and < 3% non-linear load
Output Overload Operation	10 minutes at 125% and 60 seconds at 150%
Required Output Current Protection	289 A
Neutral Output Current	433 A
Bypass Type	Built-in maintenance bypass

Efficiency	93.5 % (full load)
	92.5 % (half load)
Maximum Output Current	476 A
Maximum Configurable Power In Va	200000 VA

Conformance

Product Certifications	CE LCIE TÜV
Standards	EN/IEC 62040-2 EN/IEC 62040-3 EN/IEC 62040-1-1 IEC 61000-4-5 ISO 14001 ISO 9001

Environmental

Ambient Air Temperature For Operation	0...35 °C
Relative Humidity	20...80 %
Operating Altitude	0...3281 ft
Ambient Air Temperature For Storage	-25...40 °C
Storage Altitude	0.00...9144.00 m
Acoustic Level	68 dBA
Ip Degree Of Protection	IP20

Communications & Management

Free Slots	3
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	90 cm
Package 1 Length	132 cm
Package 1 Weight	1220 kg

Contractual warranty

Warranty	1 year repair or replace
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