

# Product data sheet

Specifications

## MGE Galaxy PW 200kVA



GWTUPS200

! Discontinued on: 07 July 2021

! To be end-of-service on: 31 December 2025

! Discontinued - Service only

### 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

### 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
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

## 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

## Communications & Management

Free slots	3
Control panel	Multifunction LCD status and control console
Alarm	Audible and visible alarms prioritized by severity
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
Number of Units in Package 3	1

## Contractual warranty

Warranty	1 year repair or replace
----------	--------------------------

## Recommended replacement(s)

GWTUPS200 is replaced by:

---

1x



Easy UPS 3M 200kVA 400V 3:3 UPS for external batteries, Start-up 5x8  
E3MUPS200KHS

---