



Purchase

APC
[GWTUPS160](#)

Overview

Description	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.
Model Name	MGE Galaxy PW 160kVA
Includes	Installation guide , User Manual
Standard Lead Time	Usually Ships within 2 Weeks
Product Distribution	China , India

General

Bypass Connection	4 wire (3Ph + N) or 5 wire (3Ph + N + G)
Bypass Voltage Tolerance	+/-10% settable from +/-4/6/8 and 10%
Max Bypass Input Current	304 A
Bypass Protection Device	400 A

Output

Output Power Capacity	128 KW / 160 kVA
Max Configurable Power (Watts)	128 KW / 160 kVA
Nominal Output Voltage	400V 3PH
Output Voltage Note	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Output Voltage Distortion	Less than 2%
Output Frequency (sync to mains)	50 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8% , 60 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8%
Other Output Voltages	380, 400, 415V
Other Output Voltages	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 4-wire (3PH + N) (Battery Backup) , (1) Hard Wire 5-wire (3PH + N + G) (Battery Backup)
Output Voltage Tolerance	+/-1% static and +/- 5% at 100% load step
Output Voltage THD	< 2% linear load and <3% non-linear load

Required Output Current Protection	231 A
Neutral Output Current	346 A
Bypass	Built-in Maintenance Bypass , External Manual Bypass

Input

Nominal Input Voltage	400V 3PH
Input Frequency	45 - 65 Hz
Input Connections	Hard Wire 4-wire (3PH + N) , Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	323 - 437 (380V) V , 340 - 460 (400V) V , 340 - 477 V , 353 - 477 (415V) V , 357 - 477 (415) V
Input voltage adjustable range for mains operation	323 - 437 (380V)V , 340 - 460 (400V)V , 357 - 477 (415V)V
Other Input Voltages	380 , 400 , 415
Maximum Input Current	288 A
Input Breaker Capacity	400 A
Maximum Short Circuit Withstand (Icw)	16.0
Type of Input Protection Required	3-pole breaker

Batteries & Runtime

Battery Type	VRLA
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Communications & Management

Available SmartSlot™ Interface Quantity	3
Control panel	Multi-function LCD status and control console
Audible Alarm	Audible and visible alarms prioritized by severity
Emergency Power Off (EPO)	Yes

Physical

Maximum Height	1900 mm
Maximum Width	1215 mm
Maximum Depth	825 mm
Net Weight	1200 kg
Shipping Weight	1220 kg
Shipping Height	2030 mm
Shipping Width	1320 mm
Shipping Depth	900 mm
Color	Beige

Environmental

Operating Environment	0 - 35 °C
Operating Relative Humidity	20 - 80 %
Operating Elevation	0-999.9 meters
Storage Temperature	-25 - 40 °C
Storage Elevation	0-9000 meters
Audible noise at 1 meter from surface of unit	67.000 dB
Protection Class	IP 20

Conformance

Approvals	CE , EN 60950 , EN/IEC 62040-2 , EN/IEC 62040-3 , EN/IEC 62040-1-1 , IEC 61000-4-5 , ISO 14001 , ISO 9001 , LCIE , TUV
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Standard warranty	1 year repair or replace
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