

Product data sheet

Specifications



Galaxy PWi 80kVA 3:1 Integrated Parallel UPS 12 Pulse 220VDC with Input transformer, Start-up 5X8

G1W80MU12PUTS

- ❗ Discontinued on: 31 May 2021
- ❗ End-of-service on: 18 October 2023

❗ Discontinued

Overview

Presentation	A versatile 3:1-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	380 V 3 phases
Other Input Voltage	400 V
Main Output Voltage	220 V
Other Output Voltage	230 V
Rated power in W	64000 W
Rated power in VA	80000 VA
Output connector type	Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 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 220 or 230V nominal output voltage
Battery power in VAH	0 VAh runtime
Extended runtime	0

General

Product web sub-family	PWi
Bypass wiring configuration	4 wire (3P + N) 5 wire (3P + N + E)
Bypass voltage tolerance	+/- 25 %
Max bypass input current	360 A

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Height	180 cm
Width	120 cm
Depth	80 cm
Net weight	1150 kg
Mounting preference	No preference
USB compatible	No

Input

Network frequency	45...55 Hz
Number of input connectors	1 hard wire 4-wire (3P + E) 1 hard wire 5-wire (3P + N + E)
Input voltage limits	323...460 V 380 V
Maximum input current	180 A
Switching current capacity	200 A
Max short time withstand current	36 kA
Input harmonic distortion	Less than 9 % for full load
Input protection type	Circuit breaker
Load power factor	0.8
Input Power Factor at Full Load	0.77

Output

Maximum configurable power in W	64000 W
Harmonic distortion	Less than 5 %
Output frequency	50 Hz sync to mains 50 Hz +/- 0.1 % unsynchronised
Crest factor	3 : 1
Wave type	Sine wave
Output voltage tolerance	+/- 1% static
Output harmonic distortion	< 3% linear load and < 5% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Required output current protection	900 A
Neutral output current	360 A
Bypass type	Built-in maintenance bypass Built-in static bypass
Efficiency	90 % (full load) 82 % (half load)
Maximum output current	900 A
Maximum configurable power in VA	80000 VA

Conformance

Standards	EN/IEC 62040-1 IEC 61000-4-5 IEC 62040-2
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Environmental

Ambient air temperature for operation	0...35 °C
Relative humidity	0...95 %
Operating altitude	0...3300 ft
Ambient air temperature for storage	-25...65 °C
Storage Relative Humidity	0...95 %
Storage altitude	0.00...10058.40 m
Acoustic level	60 dBA
IP degree of protection	IP20

Communications & Management

Free slots	1
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	202.5 cm
Package 1 Width	93 cm
Package 1 Length	133 cm
Package 1 Weight	1230 kg

Offer Sustainability

EU RoHS Directive	Under investigation
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Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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Recommended replacement(s)

G1W80MU12PUTS is replaced by:

1x



Galaxy PW 2nd Gen 80kVA 3:1 UPS 220VAC 12 Pulse 220VDC with input transformer, Startup 5x8
EPWUPS80KU12PTS