

# Product data sheet

Specifications



## Galaxy PWi 100KVA 3:1 Single UPS 220VAC 6 Pulse 384VDC, Start-up 5X8

G1W100SU6PHS

! Discontinued

! Discontinued on: Dec 7, 2021

! End-of-service on: Oct 18, 2023

### 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	80000 W
Rated Power In Va	100000 VA
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 230 V 1 Phase 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	455 A
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

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

## Physical

Height	180 cm
Width	120 cm
Depth	80 cm
Net Weight	1100 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	380 V
Maximum Input Current	225 A
Switching Current Capacity	250 A
Max Short Time Withstand Current	36 kA
Input Harmonic Distortion	Less than 30 % for full load
Input Protection Type	Circuit breaker
Load Power Factor	0.8
Input Power Factor At Full Load	0.75

## Output

Maximum Configurable Power In W	80000 W
Harmonic Distortion	Less than 5 %
Output Frequency	50 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
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	1137.5 A
Neutral Output Current	455 A
Bypass Type	Built-in maintenance bypass Built-in static bypass
Efficiency	90 % (full load) 82 % (half load)
Maximum Configurable Power In Va	100000 VA

## Conformance

Standards	IEC 61000-4-5 protection surge IEC 62040-2 EMC/EMI IEC 62040-1 safety
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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...55 °C
Storage Relative Humidity	0...95 %
Storage Altitude	0.00...10058.40 m
Acoustic Level	65 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	1210 kg

## Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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