

Product data sheet

Specifications



Galaxy PWi 20kVA 3:3 Single UPS 380VAC 6 Pulse 384VDC, Start-up 5X8

G3W20SH6PHS

⚠ Discontinued on: Dec 7, 2021

⚠ End-of-service on: Oct 18, 2023

⚠ Discontinued

Overview

Presentation	A versatile 3:3-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	380 V 3 phases
Other Output Voltage	400 V
Rated Power In W	16000 W
Rated Power In Va	20000 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
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	30 A
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0

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

Redundant	No
-----------	----

Physical

Height	180 cm
Width	80 cm
Depth	80 cm
Net Weight	303 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	45 A
Switching Current Capacity	63 A
Max Short Time Withstand Current	36 kA
Input Harmonic Distortion	Less than 33 % 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	16000 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	75 A
Neutral Output Current	51 A
Bypass Type	Built-in maintenance bypass Built-in static bypass
Efficiency	90 % (full load) 82 % (half load)
Maximum Output Current	75 A
Maximum Configurable Power In Va	20000 VA

Conformance

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

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	93 cm
Package 1 Weight	363 kg

Contractual warranty

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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Eu Rohs Directive	Under investigation
-------------------	---------------------
