

Product datasheet

Specifications



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

G3W20SH6PHS

⚠ Discontinued on: 7 Dec 2021

⚠ End-of-service on: 18 Oct 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
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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
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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	93 cm
Package 1 Weight	363 kg

Contractual warranty

Warranty	1 year repair or replace
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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
