

# Product data sheet

Specifications



## Galaxy VM 180 kVA UPS Parallel 480-480 V, 65kAIC, Start up 5x8

GVMPB180KG65S

### Overview

Presentation	A highly compact, energy efficient, 65kAIC rated 3-phase UPS with parallel capability for data centers, facility and industrial applications.
Lead time	Usually Ships within 2 Weeks

### Main

Main Input Voltage	480 V 3 phase
Main Output Voltage	480 V 3 phase
Kw Rating	162 kW
Rated power in VA	180 kVA
Output connector type	Hard Wire 4-wire (3PH + G) 1 Hard Wire 5-wire (3PH + N + G) 1
Battery Type	External battery system
Provided equipment	Dust filter Installation guide Integrated network management Seismic compliance Start-Up Service Top and bottom cable entry
Range of Product	Galaxy VM
Range Compatibility	Galaxy VM

### Batteries & Runtime

Efficiency	<a href="#">View Efficiency Graph</a>
Included Battery Modules	0
Battery Slots Empty	0
Battery Voltage	480V
End of Discharge Battery Voltage	384 V
maximum short-circuit current	65 kA
End of Discharge Maximum Battery Current	440 A
Overload Operation	60 seconds @ 125% and 30 seconds @ 150%
Battery design life	5...10 year(s)
Battery power in VAh	0 VAh runtime
Battery Life	7...10 year(s)
Battery graph comments	Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.9 output.

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Extendable Run Time	0
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## General

Bypass Voltage Tolerance	+/-10% settable from +/-4/6/8 and 10%
Max Bypass Input Current	217 A
Bypass Protection Device	400 A
Redundant	No

## Physical

color	White
Height	77.6 in (197 cm)
Width	39.4 in (100.2 cm)
Depth	33.6 in (85.4 cm)
Net Weight	1497.93 lb(US) (679.45 kg)
USB compatible	No

## Input

Input Frequency	40 - 70 Hz
Number of input connectors	1 Hard Wire 3-wire (3PH + G)
Efficiency at full load	360...576 V adjustable 480 V 360...576 V 480 V
Maximum Input Current per Phase	278 A
Switching current capacity	400 A
Maximum Short Circuit Withstand (Icw)	65 kA
Input Total Harmonic Distortion	Less than 3% for full load
Input protection type	3-pole breaker
inrush current	200A peak
Load power factor	0.5 leading to 0.5 lagging
Input Power Factor at Full Load	1

## Output

Max Configurable Power (Watts)	162 kW
Harmonic distortion	Less than 2%
Output Frequency (sync to mains)	50/60 Hz +/- 1 Hz sync to mains 50/60 Hz +/- 1 Hz not synced
Crest factor	Unlimited
Waveform Type	Sine wave
Output voltage tolerance	+/- 1% static and +/- 3% at 100% load step
Output Voltage THD	< 2% linear load and < 3% non-linear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Required Output Current Protection	300 A
Neutral Output Current	195 A

Bypass type	Built-in Static Bypass
Efficiency at full load	95.5 % in battery operation)
Maximum configurable power in VA	180 kVA

## Conformance

Product Certifications	cUL Listed ENERGY STAR V2.0 (USA) FCC part 15 class A UL 1778
Standards	EN/IEC 62040-3 IBC 2012 and CBC2013 to Sds=2.02g OSHDP

## Environmental

Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 %
Operating altitude	0...3333 ft
Ambient Air Temperature for Storage	5...104 °F (-15...40 °C)
Storage Relative Humidity	0...95 %
Storage altitude	0...49212 ft (0.0000000000...14999.8 m)
acoustic level	65 dBA
Online Thermal Dissipation	21160 Btu/h
IP degree of protection	IP20

## Communications & Management

Free slots	2
Control panel	7" touch screen display
Emergency Power Off (EPO)	Optional

## Ordering and shipping details

GTIN	3606487263555
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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	84.9 in (215.6 cm)
Package 1 Width	41.7 in (106 cm)
Package 1 Length	58.7 in (149 cm)
Package 1 Weight	1589.34 lb(US) (720.91 kg)

## Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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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-CO<sub>2</sub> 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 >](#)



Energy Efficient   Take-back   Transparency

## Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

## Well-being performance

✓ Rohs Exemption Information   [Yes](#)

## Environmental Certifications

✓ Energy Star®   ENERGY STAR UPS V2.0 (USA)

Eu Rohs Directive   Compliant with Exemptions

China Rohs Regulation   [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information.

Environmental Disclosure   [Product Environmental Profile](#)

Circularity Profile   [End of Life Information](#)

California Proposition 65   "WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)"

Image of product / Alternate images

Alternative

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