Product data sheet

Specifications

Galaxy VM 160 kVA UPS Parallel 480-480 V, 65kAIC, Start up 5x8

GVMPB160KG65S

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 phases
Main Output Voltage	480 V 3 phases
Rated power in W	144 kW
rated power in VA	160 kVA
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	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	View Efficiency Graph
Number of battery filled slots	0
Number of battery free slots	0
Battery voltage	480 V
Discharge battery voltage	384 V
Maximum short-circuit current	65 kA
Max current discharge	440 A
Battery overload operation	60 seconds at 125% and 30 seconds at 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.

Extended runtime	0

General

Bypass voltage tolerance	+/- 10 % settable from +/- 4/6/8 and 10 %
Max bypass input current	217 A
Bypass current protection	400 A
Redundant	No

Physical

Colour	White
Height	77.56 in (197 cm)
Width	39.45 in (100.2 cm)
Depth	33.62 in (85.4 cm)
Net weight	1497.93 lb(US) (679.45 kg)
USB compatible	No

Input

Network frequency	40...70 Hz
Number of input connectors	1 hard wire 3-wire (3P + E)
Input voltage limits	360...576 V adjustable 480 V 360...576 V 480 V
Maximum input current	278 A
Switching current capacity	400 A
Max short time withstand current	65 kA
Input harmonic distortion	Less than 3 % for full load
Input protection type	3-pole circuit breaker
Inrush current	200 A peak
Load power factor	0.5 leading to 0.5 lagging
Input Power Factor at Full Load	1

Output

Maximum configurable power in W	144 kW
Harmonic distortion	Less than 2 %
Output frequency	50/60 Hz +/- 1 Hz sync to mains 50/60 Hz +/- 1 Hz unsynchronised
Crest factor	Unlimited
Wave type	Sine wave
Output voltage tolerance	+/- 1% static and +/- 3% at 100% load step
Output harmonic distortion	< 2% linear load and < 3% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Required output current protection	300 A
Neutral output current	195 A

Bypass type	Built-in static bypass
Efficiency	95.5 % in battery operation)
Maximum configurable power in VA	160 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 OSHPD

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
Heat dissipation	21160 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	2
control panel	7" touch screen display
Emergency power off	Optional

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	84.88 in (215.6 cm)
Package 1 Width	41.73 in (106 cm)
Package 1 Length	58.66 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

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	7547f066-9302-46d9-96e9-461928dd6901
REACh Regulation	REACh Declaration

Energy efficiency

Optimized Energy Efficiency	Energy efficient product
ENERGY STAR®	ENERGY STAR UPS V2.0 (USA)

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	Yes