

Product data sheet

Specifications



G5K 50 kVA 480V ADJ BATT UL924 BACKUP 90 MIN

SUG550A90UL

⚠ Discontinued on: Jul 5, 2021

⚠ End-of-service on: Oct 18, 2023

⚠ Discontinued

Overview

Presentation	UPS and two UL 924 listed matching battery cubicles with a minimum of 90 minutes battery operation.
Lead Time	Usually Ships within 2 Weeks

Main

Main Input Voltage	480 V 3 phases 600 V 3 phases
Main Output Voltage	480 V 3 phases 600 V 3 phases
Rated Power In W	45000 W
Rated Power In Va	50000 VA
Output Connector Type	Hard wire 4-wire (3P + E) 1
Battery Type	VRLA
Provided Equipment	Installation guide

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	UL 924 approved UPS systems with batteries
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

Physical

Height	190.5 cm
Width	318.3 cm
Depth	81.3 cm
Net Weight	2113.64 kg

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

Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

Input

Network Frequency	45...65 Hz 60 Hz +/- 5 Hz
Number Of Input Connectors	1 hard wire 4-wire (3P + E)
Input Voltage Limits	408...552 V 480 V
Maximum Input Current	60 A
Switching Current Capacity	200 A
Max Short Time Withstand Current	20 kA
Input Harmonic Distortion	Less than 5 % for full load
Input Protection Type	3-pole circuit breaker
Inrush Current	200 A peak
Load Power Factor	0.9
Input Power Factor At Full Load	1

Output

Maximum Configurable Power In W	45000 W
Output Frequency	60 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Crest Factor	3 : 1
Output Voltage Tolerance	+/- 1% static and +/- 2 % at 100% load step
Output Harmonic Distortion	< 1% linear load and < 2.5% non-linear load
Output Overload Operation	10 minutes at 125% and 30 seconds at 150%
Bypass Type	Internal bypass (automatic and manual) Optional external bypass
Efficiency	93.3 % (full load) 91 % (half load)
Maximum Configurable Power In Va	50000 VA

Conformance

Product Certifications	UL 1778 UL 924 Listed
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Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	5...95 %
Operating Altitude	0...3333 ft
Ambient Air Temperature For Storage	-25...40 °C
Storage Relative Humidity	0...95 %
Storage Altitude	0.00...9144.00 m
Acoustic Level	65 dBA

Heat Dissipation	11021 Btu/h
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Communications & Management

Free Slots	3
Control Panel	Multifunction LCD status and control console
Emergency Power Off	Optional

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

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