



### Overview

Description	UPS and two UL 924 listed matching battery cubicles with a minimum of 90 minutes battery operation.
Model Name	G5K 40 kVA UPS 480V STAND ALONE BATT UL924 BACKUP 90MIN
Includes	Installation guide
Standard Lead Time	Usually Ships within 2 Weeks
Product Distribution	Canada , United States

### General

Bypass Connection	4 wire (3Ph + N) or 5 wire (3Ph + N + G)
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### Output

Output Power Capacity	36.0 KW / 40.0 kVA
Max Configurable Power (Watts)	36.0 KW / 40.0 kVA
Nominal Output Voltage	480 3PH , 600 3PH
Output Voltage Distortion	Less than 2%
Output Frequency (sync to mains)	60 Hz
Crest Factor	3 : 1
Crest Factor	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 4-wire (3PH + G) (Battery Backup)
Output Voltage Tolerance	+/- 1% static and +/- 2 % at 100% load step
Output Voltage THD	< 1% linear load and < 2.5% nonlinear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Bypass	Internal Bypass (Automatic and Manual) , Optional External Bypass

### Input

Nominal Input Voltage	480 3PH , 600 3PH
Input Frequency	60 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8%
Input Connections	Hard Wire 4-wire (3PH + G)
Input voltage range for main operations	408 - 552 (480) V

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

Input voltage adjustable range for mains operation	408 - 552 (480V)V
Maximum Input Current	77 A
Input Breaker Capacity	125 A
Maximum Short Circuit Withstand (Icw)	20.0
Input Total Harmonic Distortion	Less than 5% for full load
Type of Input Protection Required	3-pole breaker

## Batteries & Runtime

Battery Type	VRLA
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## Communications & Management

Available SmartSlot™ Interface Quantity	3
Control panel	Multi-function LCD status and control console
Emergency Power Off (EPO)	Yes

## Physical

Maximum Height	1905.0 mm
Maximum Width	2395.0 mm
Maximum Depth	813.0 mm
Net Weight	1850.0 kg
Shipping Weight	1881.82 kg
Shipping Height	1930.0 mm
Shipping Width	1727.0 mm
Shipping Depth	838.0 mm

## Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	5 - 90 %
Operating Elevation	0-999.9 meters
Storage Temperature	-20 - 45 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-9000 meters
Audible noise at 1 meter from surface of unit	66.000 dB
Online Thermal Dissipation	11602.000 BTU/hr

## Conformance

Approvals	UL 1778 , UL 924 Listed
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up

## Sustainable Offer Status

Battery Directive	Compliant
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