



### Overview

Description	UPS and three UL 924 listed matching battery cubicles with a minimum of 90 minutes battery operation.
Model Name	G5k 80 kVA 480V UPS with Adj Batt UL924 BACKUP 90 Min
Includes	Installation guide
Standard Lead Time	Usually Ships within 2 Weeks
Product Distribution	Canada

### Output

Output Power Capacity	72.0 KW / 80.0 kVA
Max Configurable Power (Watts)	72.0 KW / 80.0 kVA
Nominal Output Voltage	480 3PH
Output Voltage Distortion	Less than 2%
Output Frequency (sync to mains)	60 Hz
Crest Factor	3 : 1
Crest Factor	Double Conversion Online
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%
Required Output Current Protection	115 A
Bypass	Internal Bypass (Automatic and Manual)

### Input

Nominal Input Voltage	480 3PH
Input Frequency	45 - 65 Hz
Input Connections	Hard Wire 4-wire (3PH + G)
Input voltage range for main operations	408 - 552 (480) V
Maximum Input Current	152 A
Input Breaker Capacity	250 A
Maximum Short Circuit Withstand (Icw)	20.0

Input Total Harmonic Distortion	Less than 3% for full load
Type of Input Protection Required	3-pole breaker

## Batteries & Runtime

Battery Type	No internal battery - uses external battery system
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## Communications & Management

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

## Physical

Maximum Height	1905.0 mm
Maximum Width	4415.0 mm
Maximum Depth	848.0 mm
Net Weight	6860.91 kg
Shipping Weight	6906.36 kg
Shipping Height	2030.0 mm
Shipping Width	4464.0 mm
Shipping Depth	960.0 mm

## Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	5 - 95 %
Operating Elevation	0-999.9 meters
Storage Temperature	-25 - 40 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-12000 meters
Audible noise at 1 meter from surface of unit	63.000 dB
Online Thermal Dissipation	19791.000 BTU/hr
Protection Class	IP 20

## Conformance

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