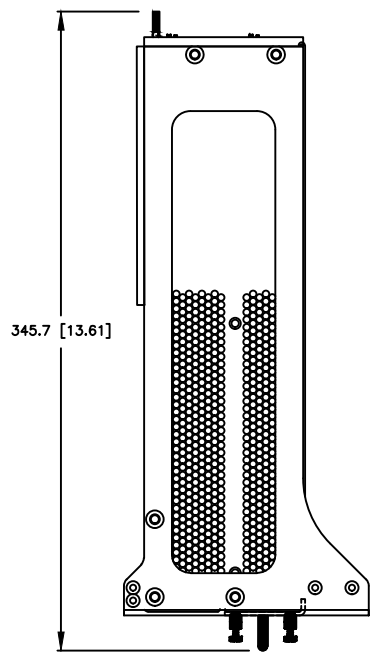
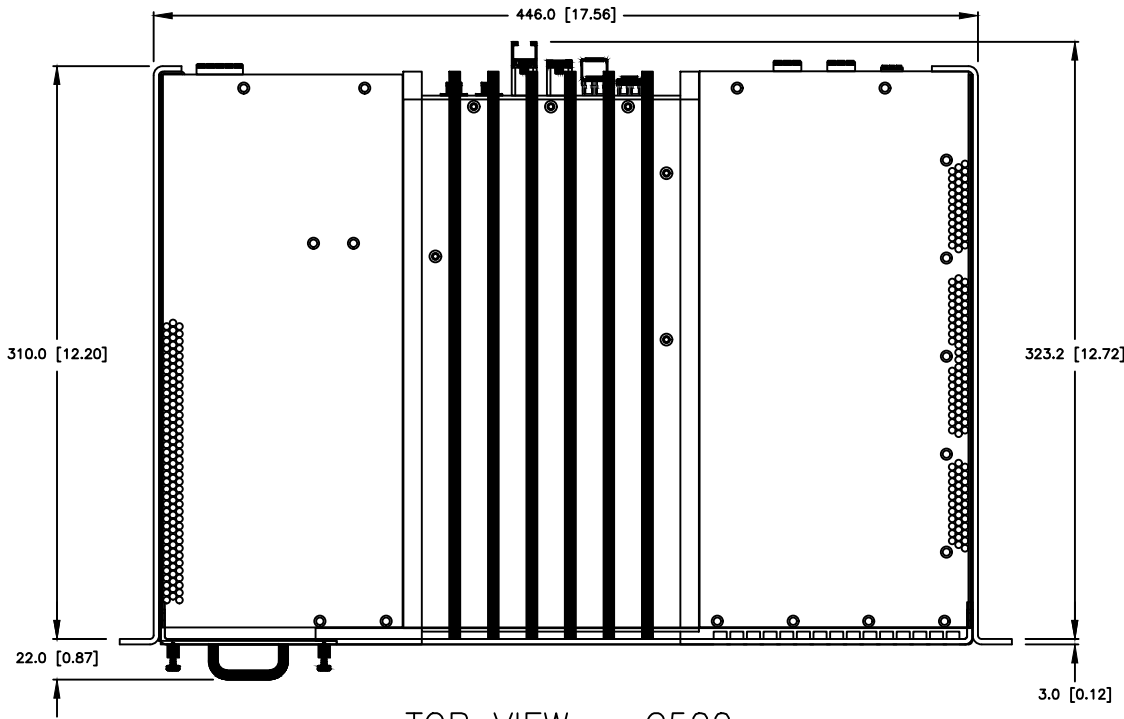


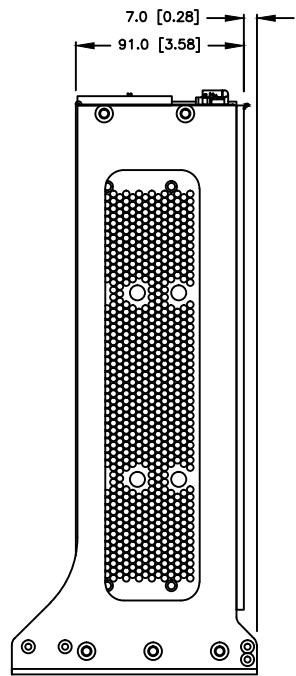
REAR VIEW — G500
(SAMPLE CONFIGURATION)



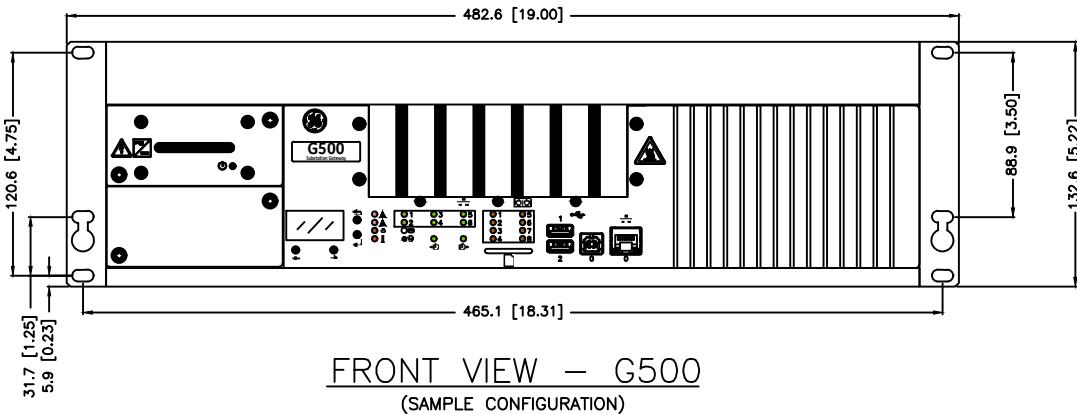
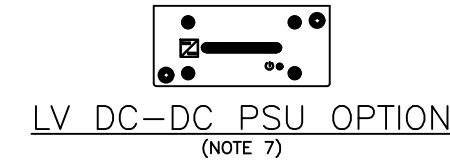
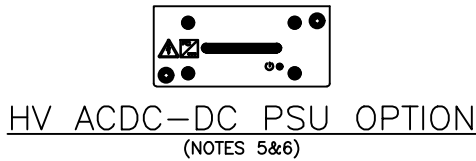
LEFT SIDE — G500
(SAMPLE CONFIGURATION)



TOP VIEW — G500
(SAMPLE CONFIGURATION)



RIGHT SIDE — G500
(SAMPLE CONFIGURATION)



FRONT VIEW — G500
(SAMPLE CONFIGURATION)

- NOTES:
- DIMENSIONS ARE IN mm (INCHES IN BRACKETS).
 - SAMPLE G500 CONFIGURATION SHOWN.
 - G500 INRUSH CURRENT IS TYPICALLY LIMITED TO 13A-35A WHEN POWERING UP.
 - RECOMMENDED CIRCUIT/DISCONNECT BREAKER:
 - 20A IEC OR USA/CANADA (C-CURVE)
 - RECOMMENDED POWER WIRE GAUGE:
 - 1.3mm² to 3.3mm² (16AWG TO 12AWG)
 - STRIP LENGTH OF 7mm (~0.275")
 - ENSURE PLUG IS SECURED WITH SCREWS
 - G500 RECOMMENDED GROUNDING:
 - CONNECT M5 CHASSIS SCREW (NEAR PSU) TO GROUNDING NODE/BAR WITH 12AWG OR LOWER WIRE NOT LONGER THAN 1 METER.
 - THE SECOND GROUND SCREW (LEFT SIDE WHEN FACING REAR OF CHASSIS) CAN BE ADDITIONALLY CONNECTED.
 - GROUND WIRE GAUGE: 12AWG OR LOWER
 - HV AC/DC-DC PSU w/AC INPUT:
 - AC NOMINAL: 100-240VAC @50-60Hz ±10%
 - AC I/P RANGE: 90-265VAC @47-63Hz
 - MAXIMUM CURRENT CONSUMPTION: 2.1A
 - MAXIMUM POWER REQUIREMENT: 170VA
 - RECOMMENDED PRE-CIRCUIT/DISCONNECT AC INPUT BREAKER:
 - 20A, GE P/N: BRKR-00152 (EATON P/N: FAZ-C20/2-NA)
 - HV AC/DC-DC PSU w/DC INPUT:
 - HV DC NOMINAL: 110-270VDC ±20%
 - HV DC I/P RANGE: 88-330VDC
 - MAXIMUM CURRENT CONSUMPTION: 1.8A
 - RECOMMENDED PRE-CIRCUIT/DISCONNECT HV DC INPUT BREAKER:
 - 20A, GE P/N: 940-0431 (EATON P/N: FAZ-C20/2-NA-DC)
 - LV DC-DC PSU INPUT:
 - LV DC NOMINAL: 20-54VDC ±10%
 - LV DC I/P RANGE: 18-60VDC
 - MAXIMUM CURRENT CONSUMPTION: 10.2A
 - RECOMMENDED PRE-CIRCUIT/DISCONNECT LV DC INPUT BREAKER:
 - 20A, GE P/N: 940-0431 (EATON P/N: FAZ-C20/2-NA-DC)
 - REFER TO THE G500 MANUAL FOR PRODUCT SPECIFICS & CONNECTION/PINOUT DETAILS.
 - Please contact multilin.tech@ge.com to request the *.dwg AutoCAD file for the G500 block or via SAS Tech Support Web Library (for manuals user guides, frequently asked questions, etc) at http://supportcentral.ge.com/*SASTechSupport

0 RELEASED. 29-MAY-2019 ES

REVISION HISTORY

RELEASED

PROPRIETARY INFORMATION
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Grid Solutions
650 Markland Street, Markland, ON, L6C-0M1

CUSTOMER: GE GRID SOLUTIONS	SCALE 1:1	SIZE ANSI-B
TITLE: DIMENSIONS & DIAGRAM G500 SUBSTATION GATEWAY (SAMPLE CONFIGURATION)	DRAWN PF	CHECKED QK
START DATE: 25-MAR-2019	APPROVED ES	RELEASED PF
DRAWING NUMBER: G500	REV 0	SHEET 1 of 2
DRAWING FILENAME: G500-1 Rev0 Dimensions & Diagram (AutoCAD).dwg	TRS-TOP NUMBER N/A	

