

# EU Declaration of Conformity

EN

**Declaration number** G500-MRK-DOC-C-01312K19

**Name of the manufacturer** Grid Solutions Canada ULC

**Address of the manufacturer** 650 Markland Street, Markham , Ontario, L6C 0M1, Canada

**Address of authorised representative** Avenida Pinoa 10, 48170 Zamudio, Spain

**This declaration of conformity is issued under the sole responsibility of the manufacturer.**

**Product / model** G500 /M500/ P500/ X500/ C500/ H500 and A500

**Object of the declaration** Substation Gateway/ Microgrid controller/PDC-WAMS Controller/Predix Edge gateway/Cyber Security Gateway/iPower (PowerLink Connect) and DS Agile

**The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:**

2014/30/EU	EMC Directive	February 26, 2014
2014/35/EU	Low voltage Directive	February 26, 2014 (See Note 1)
2011/65/EU	ROHS II	June 8, 2011
2015/863	ROHS III	2015

**References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:**

Document Name	Issue
EN 55032 - Electromagnetic compatibility of multimedia equipment-Emissions	2012 / AC:2013
EN 55024 - ITE -Immunity characteristics-Limits and methods of measurement	2010
EN 60950-1 - ITE - Safety Part 1 - General Requirements	2005 + Am 2 2013
EN 50581 -Technical documentation for the assessment of electrical and and electronic products with respect to the restriction of hazardous substances	2012

**Signed for and on behalf of:** **Place and Date:** Markham Ont , 03/14/2019  
Grid Solutions Canada ULC

**Name:** Roy Mao

**Name:** Boris Kacmar

**Function:** Consulting Engineer, Engineering Manager, GE Multilin Inc

**Function:** Grid Solutions, Regulatory Compliance, Manager

**Signature:**

**Signature:**



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**Additional Information**

Note 1: LV Directive does not apply to models with LV power supply (L, L).

Additional standards applied:

EN61000-6-5 -EMC - Immunity for equipment used in power station and substation: 2015

EN61000-6-1- EMC-Immunity for residential, commercial and light -industrial: 2007

<b>Substation Gateway</b>	<b>G500</b>
<b>Microgrid Controller</b>	<b>M500</b>
<b>PDC-WAMS Controller</b>	<b>P500</b>
<b>Predix Edge appliance</b>	<b>X500</b>
<b>Cyber Security Gateway</b>	<b>C500</b>
<b>iPower (PowerLink Connect)</b>	<b>H500</b>
<b>DS Agile</b>	<b>A500</b>

Hardware Configuration	G500	Description
CPU and Memory Option	A B	2.20 GHz 2 core APU, 8 GB DDR3 SDRAM 2.70 GHz 4 core APU, 16 GB DDR3 SDRAM
Power Supply Option - Primary and Redundant	H H L L U	110-270 VDC / 100-240 VAC (Conformal Coated) 20-54 VDC (Conformal Coated) Not Required
Serial Port Option	8	8x Serial Ports, RS-232/ RS-485 independently configurable and isolated
Ethernet Interface - SFP type	T T T T T F F F F F S S S S S U U U U U	100/1000BASE-TX (RJ45 copper medium) 100BASE-FX (LC fiber multimode) 1000BASE-SX (LC fiber multimode) Not Required
Storage M.2 SATA SED	A A A B B B U U U	128 GB Self encrypted Solid State Drive 256 GB Self encrypted Solid State Drive Not Required
PCIe Expansion Module	4 4 4 U U U	4x Serial Ports, RS-232/ RS-485 independently configurable and isolated Not Required
Harsh Environment	U	Not Required
Future Use	U	Future Option
Future Use	U	Future Option
Software Configuration		
Multi-OS/ Hypervisor Option	S	Single OS, no Hypervisor
1st Application / OS	CA	Universal Gateway
1st Application Version	A0	v1.0
1st Application License	xxx	License
2nd Application / OS	UU	Future Option
2nd Application Version	UU	Future Option
2nd Application License	UUU	Future Option