



# Certificate of Compliance

**Certificate:** 80092233

**Master Contract:** 300612

**Project:** 80092233

**Date Issued:** 2023-07-05

**Issued to:** GoodWe Technologies Co., Ltd.  
No.90, Zijin Road, New District  
Suzhou, Jiangsu, 215011  
CHINA

**Attention:** Jing Xie

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only*



**Issued by:** Allen Yao  
Allen Yao

## PRODUCTS

CLASS 5311 09 - POWER SUPPLIES - Distributed Generation Power Systems Equipment

CLASS 5311 89 - POWER SUPPLIES - Distributed Generation Power Systems Equipment - Certified to U.S. Standards

Photovoltaic Rapid Shutdown Equipment, Receiver device model No.: GR-A1F-20, GR-B1F-20, GR-A2F-20 and GR-B2F-20. Used for disconnecting the controlled conductor of a PV System. PLC communication used.

Photovoltaic Rapid Shutdown Equipment, Transmitter device Model No.: GT-BF-20 and GT-KF-20. Used for initiating the rapid shutdown function. PLC communication used.

### Note:

1. For details related to rating, size, configuration, etc., reference should be made to the CSA Certification Record, Certificate of Compliance Annex A, or the Descriptive Report.
2. Photovoltaic Rapid Shutdown Function has also been evaluated according to NEC-2017, NEC-2020 and NEC-2023 Section 690.12 applicable requirement.



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### **APPLICABLE REQUIREMENTS**

UL Std. No. 1741 - Third Edition - Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources (October 18, 2022)

CSA C22.2 No. 330-23 - Photovoltaic rapid shutdown systems

**Note:**

1. CSA C22.2 No. 330-23 is used in conjunction with CSA C22.2 No.107.1-16 (R2021) - Power conversion equipment.
2. Compliance with UL 1741-Third Edition (October 18, 2022) includes compliance with applicable requirement of UL 991, Edition 3, Tests for Safety-related controls employing solid-state devices.
3. Compliance with CSA C22.2 No. 330-23 includes compliance with applicable requirement of CSA C22.2 No. 0.8 -19 Safety functions incorporating electronic technology.

**Notes:**

Products certified under Class C531109 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

<b>Project</b>	<b>Date</b>	<b>Description</b>
80092233	2023-07-05	Initial Certification. Photovoltaic Rapid Shutdown System Equipment, Receiver Model: GR-A1F-20, GR-B1F-20, GR-A2F-20 and GR-B2F-20, Transmitter Model: GT-BF-20 and GT-KF-20. (C/US)