



# Certificate of Compliance

**Certificate:** 70218632

**Master Contract:** 259077

**Project:** 80168482

**Date Issued:** 2023-06-15

**Issued to:** ALTENERGY POWER SYSTEM INC.  
Building 2, No. 522, Yatai Road, Nanhu District  
Jiaxing City, Zhejiang, 314050  
CHINA

**Attention:** Kevin Lu

*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:** Magic Zhang  
Magic Zhang

## 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 System Equipment, Model No. RSD-S-PLC-A and RSD-S-PLC-B, used to cut off the DC connection of PV modules after the Transmitter power supply circuit breaker is off. Rack mounted or mounted to the PV module with adhesive. PLC communication used.

Initiation device, Model No. Transmitter-PLC, contain three installation models: 1) Transmitter-PLC-PCBA, 2) Transmitter-PLC, 3) Transmitter-PLC-IP.

### 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/NEC-2023 Section 690.12 applicable requirement and CEC-2018 Sec 64-218 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 (Third Edition, Dated September 28, 2021)
- CSA C22.2 No. 330-17 - Photovoltaic rapid shutdown systems

#### **Note:**

1. CSA C22.2 No. 330-17 is used in conjunction with CSA C22.2 No.107.1-16 - General Use Power Supplies.
2. Compliance with UL 1741- Third Edition (September 28, 2021) include 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. 330-17 include compliance with applicable requirement of CSA C22.2 No. 0.8 -12 Safety functions incorporating electronic technology.