



Certificate of Compliance

Certificate: 80009603

Master Contract: 600482

Project: 80009603

Date Issued: 2019-07-29

Issued to: Baoding Yitong PV Science&Technology Co., Ltd.
No.3055 Fuxing Middle Street
Baoding, Hebei, 060 071051
CHINA
Attention: Wei Wang

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 System Equipment, Model No. YT-RSD-P-1000 and YT-RSD-P-1500, 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 two installation models: 1) Transmitter-PLC, 2) Transmitter-PLC-PCBA

Photovoltaic Rapid Shutdown System:

- Photovoltaic Rapid shutdown System Type-A, include: YT-RSD-P-1000 and Initiation device Transmitter-PLC, System voltage 1000Vdc, 15A max.
- Photovoltaic Rapid shutdown System Type-B, include: YT-RSD-P-1500 and Initiation device Transmitter-PLC, System voltage 1500Vdc, 15A max.
- Photovoltaic Rapid shutdown System Type-C, include: YT-RSD-P-1000 and Initiation device Transmitter-PLC-PCBA, System voltage 1000Vdc, 15A max.
- Photovoltaic Rapid shutdown System Type-D, include: YT-RSD-P-1500 and Initiation device Transmitter-PLC-PCBA, System voltage 1500Vdc, 15A max.



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Note:

1. For details related to rating, size, configuration, etc., reference should be made to the CSA Certification Record.
2. Photovoltaic Rapid Shutdown Function has also been evaluated according to NEC-2017 Section 690.12 applicable requirement.

APPLICABLE REQUIREMENTS

UL Std. No. 1741-Second Edition - Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources (February 15, 2018)
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 - Power conversion equipment.
2. Compliance with UL 1741-Second Edition (February 15, 2018) 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.



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

Project	Date	Description		
80009603	2019-07-29	Multiple Listing		
		Original Report		
		Model No.		
		Listee Model No.		
		70218632	RSD-S-PLC-A	YT-RSD-P-1000
		70218632	RSD-S-PLC-B	YT-RSD-P-1500
		70218632	Transmitter-PLC	Transmitter-PLC
		70218632	Transmitter-PLC-PCBA	Transmitter-PLC-PCBA
		70218631	APsmart Rapid shutdown	Photovoltaic Rapid Shutdown
			System Type-A	System Type-A
		70218631	APsmart Rapid shutdown	Photovoltaic Rapid Shutdown
			System Type-B	System Type-B
		70218631	APsmart Rapid shutdown	Photovoltaic Rapid Shutdown
			System Type-C	System Type-C
70218631	APsmart Rapid shutdown	Photovoltaic Rapid Shutdown		
	System Type-D	System Type-D		