



Certificate of Compliance

Certificate: 1852951

Master Contract: 159409 (LR 86581)

Project: 80012967

Date Issued: 2019-09-18

Issued to: Schneider Electric Solar, Inc.
3700 Gilmore Way,
Burnaby, British Columbia
CANADA V5G 4M1
Attention: Ajith Kumar

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

Maximum Power Point Tracking Solar Charge Controller, Model Conext MPPT 60 150, with an external MPPT Disconnect RS, fixed installation, permanently connected, ratings as follows:

Model:	Conext MPPT 60 150
INPUT RATING:	
Max PV Open Circuit Voltage:	150 V dc
Max PV Short Circuit current:	60 A
Range of Operating PV Voltage:	12- 140 V dc
Max. Input Current:	60 A
OUTPUT RATING:	
Nominal Battery Voltages:	12, 24, 36, 48 and 60 V dc
Max. Output current:	60 A dc
Max Output Power:	3400 W
Max Ambient Operating Temperature:	45°C



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Model:	MPPT Disconnect RS
Max. PV System Voltage:	600 V dc
Max. PV Current (Isc):	2*32 A
Control power input voltage range:	22 to 60 V dc
Control power input current max. :	2 A
Nominal Battery Voltage:	48 Vdc
Operating Temperature Range:	-20 °C to +50 °C
Enclosure Type:	Type 1
PV Arc Fault Circuit Protection:	Type 1

Note:

1. The Max. PV System voltage shall be limited by the Conext MPPT 60 150.
2. The PV Rapid shutdown Initiator function has been evaluated by UL 1741CRD.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 107.1-16 - Power Conversion Equipment
CSA (LTR) No. AE-004-2015 - Rapid Shutdown System
CSA C22.2 No. 292-18 – DC arc fault protection for photovoltaic applications

UL 1741 - Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources (Second Edition, Revision Dated February 15, 2018)
UL 1741 CRD - PV Rapid Shutdown Systems (April 2, 2015)
UL 1699B - Outline of Investigation for Photovoltaic (PV) DC Arc-Fault Circuit Protection (Issue Number 2, January 14, 2013)



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
80012967	2019-09-18	Update to report 1852951 to change model name XW-MPPT60-150 to Conext MPPT 60 150 and add an external MPPT Disconnect RS for model Conext MPPT 60 150 with PV Rapid shutdown Initiator function and Photovoltaic DC arc-fault circuit protection function.
2404698	Mar 8, 2011	Update Report 1852951 to include diode AUX polarity protection.
2348208	Sep 17, 2010	Reissue Certificate with new address.
2107520	Feb 2, 2009	Update Report 1852951 to include alternate factory test procedure.
1947002	Oct 22, 2007	Update Report 1852951 to Include Alternative Construction.
1852951	Jun 8, 2007	Maximum Power Point Tracking Solar Charge Controller, Model XW-MPPT60-150. (C/US)