



Certificate of Compliance

Certificate: 2304404

Master Contract: 159409 (LR 86581)

Project: 80012968

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 80 600, with an external MPPT Disconnect RS, fixed installation, permanently connected, ratings as follows:

Model:	Conext MPPT 80 600
INPUT RATING:	
Max PV Open Circuit Voltage:	600 V dc
Max PV Short Circuit current:	28 A
Range of Operating PV Voltage:	200- 550 V dc
Max. Input Current:	23 A
OUTPUT RATING:	
Nominal Battery Voltages:	24 and 48 V dc
Max. Output current:	80 A dc
Max Output Power:	4800 W
Ambient Operating Temperature:	-20 to 70°C (45 °C derating)



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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 PV Rapid shutdown Initiator function has been evaluated by UL 1741CRD.
2. Indoor use only.

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
80012968	2019-09-18	Update to report 2304404 to change model name XW MPPT 80 600 to Conext MPPT 80 600 and add an external MPPT Disconnect RS for model Conext MPPT 80 600 with PV Rapid shutdown Initiator function and Photovoltaic DC arc-fault circuit protection function.
70143967	2017-06-30	Update Report 2304404 to address CSA FIR.
2653527	2013-08-22	Update to correct busbar description.
2454766	2011-10-04	Update Report 2304404 to include alternate construction for output inductor.
2304404	2010-10-04	Maximum Power Point Tracking Solar Charge Controller, Model XW MPPT 80 600. (C/US)