



Certificate of Compliance

Certificate: 2304404

Master Contract: 159409

Project: 80041328

Date Issued: 2021-01-29

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



Kyle Song
Issued by: Kyle Song

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 and Conext MPPT 100 600, with an external MPPT Disconnect RS, fixed installation, permanently connected, ratings as follows:

Model:	Conext MPPT 80 600	Conext MPPT 100 600
INPUT RATING:		
Max PV Open Circuit Voltage:	600 V dc	
Max PV Short Circuit current:	28 A	35 A
Range of Operating PV Voltage:	200 - 550 V dc	
Max. Input Current:	23 A	29 A
OUTPUT RATING:		
Nominal Battery Voltages:	24 and 48 V dc	
Max. Output current:	80 A dc	100 A dc
Max Output Power:	4800 W	6000 W
Ambient Operating Temperature:	-20 to 65°C (40 °C derating)	



Certificate: 2304404
Project: 80041328

Master Contract: 159409
Date Issued: 2021-01-29

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

Notes:

1. The PV Rapid shutdown Initiator function has been evaluated by UL 1741CRD.
2. Derated operation for elevated ambient temperatures: rated 4800W/6000W from -20°C to 40°C and output power linearly derated to 2500W from 40°C to 65°C (unit may shut down above 65°C).
3. 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 - Photovoltaic (PV) DC Arc-Fault Circuit Protection (First Edition, Dated August 22, 2018)