



Certificate of Compliance

Certificate: 80172530

Master Contract: 605457

Project: 80172530

Date Issued: 2023-06-28

Issued to: SUNPLUS OPTIMUM INC.
90 STATE ST STE
700 OFFICE 40,
ALBANY New York 12207
United States
Attention: Carl Martin

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: *Simon Shen*
Simon Shen

PRODUCTS

CLASS - C531110 - POWER SUPPLIES-Photovoltaic Modules and Panels

CLASS - C531190 - POWER SUPPLIES-Photovoltaic Modules and Panels - Certified to US Standards

Photovoltaic modules with maximum DC system voltage of 1500 V, Safety Class II.

Model Series:

SR5-66HBD-xxxM (xxx = 630 to 675 W),

SR5-60HBD-xxxM (xxx = 570 to 610 W).

Model Type	Maximum DC System Voltage (V)	Open Circuit Voltage (V)	Maximum power voltage (V)	Short Circuit Current (A)	Maximum power current (A)	Maximum Power (Watts)	Maximum overcurrent protection rating (A)
SR5-66HBD-630M	1500	44.2	37.1	18.23	16.99	630	35
SR5-66HBD-635M	1500	44.4	37.3	18.27	17.03	635	35
SR5-66HBD-640M	1500	44.6	37.5	18.31	17.07	640	35



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SR5-66HBD-645M	1500	44.8	37.7	18.35	17.11	645	35
SR5-66HBD-650M	1500	45.0	37.9	18.39	17.16	650	35
SR5-66HBD-655M	1500	45.2	38.1	18.43	17.2	655	35
SR5-66HBD-660M	1500	45.4	38.3	18.47	17.24	660	35
SR5-66HBD-665M	1500	45.6	38.5	18.51	17.28	665	35
SR5-66HBD-670M	1500	45.8	38.7	18.55	17.32	670	35
SR5-66HBD-675M	1500	46.0	38.9	18.59	17.36	675	35
SR5-60HBD-570M	1500	40.1	33.7	18.17	16.93	570	35
SR5-60HBD-575M	1500	40.3	33.9	18.22	16.97	575	35
SR5-60HBD-580M	1500	40.5	34.1	18.27	17.02	580	35
SR5-60HBD-585M	1500	40.7	34.3	18.32	17.06	585	35
SR5-60HBD-590M	1500	40.9	34.5	18.37	17.11	590	35
SR5-60HBD-595M	1500	41.1	34.7	18.42	17.15	595	35
SR5-60HBD-600M	1500	41.3	34.9	18.47	17.2	600	35
SR5-60HBD-605M	1500	41.5	35.1	18.52	17.25	605	35
SR5-60HBD-610M	1500	41.7	35.3	18.57	17.29	610	35

Note:

1. All electrical data are shown as relative to standard test conditions (STC) (1000 W/m², (25 ± 2) °C, AM 1.5 according to IEC 60904-3).
2. The manufacturer declared tolerance of Open-circuit voltage, Short-circuit current is ±3%, the manufacturer declared tolerance of Maximum power is 3%.
3. The operating ambient temperature of these devices may exceed 40 °C at full load for all wire sizes if it is determined suitable in the field use application.
4. The electrical power performance shown in the table above is only generated by front side of the PV module, more power may be generated if considering back side of the PV module.



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APPLICABLE REQUIREMENTS

CSA-C22.2 No. 61730-1:19	Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction, 2019-12
CSA-C22.2 No. 61730-2:19	Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing, 2019-12
UL 61730-1 First Edition	Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction, 2017-12-04, revision date 2020-04-30
UL 61730-2 First Edition	Photovoltaic (PV) Module Safety Qualification - Part 2: Requirements for Testing, 2017-12-04, revision date 2020-04-30

MARKINGS

Each unit shall bear all the required markings identified in the applicable certification report(s).



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
80172530	2023-06-28	Multiple listing for SUNPLUS OPTIMUM INC.

Original Report	Submitter's Models	Listee's Models
80138158	FSM-66NHBD-630M	SR5-66HBD-630M
80138158	FSM-66NHBD-635M	SR5-66HBD-635M
80138158	FSM-66NHBD-640M	SR5-66HBD-640M
80138158	FSM-66NHBD-645M	SR5-66HBD-645M
80138158	FSM-66NHBD-650M	SR5-66HBD-650M
80138158	FSM-66NHBD-655M	SR5-66HBD-655M
80138158	FSM-66NHBD-660M	SR5-66HBD-660M
80138158	FSM-66NHBD-665M	SR5-66HBD-665M
80138158	FSM-66NHBD-670M	SR5-66HBD-670M
80138158	FSM-66NHBD-675M	SR5-66HBD-675M
80138158	FSM-60NHBD-570M	SR5-60HBD-570M
80138158	FSM-60NHBD-575M	SR5-60HBD-575M
80138158	FSM-60NHBD-580M	SR5-60HBD-580M
80138158	FSM-60NHBD-585M	SR5-60HBD-585M
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80138158	FSM-60NHBD-595M	SR5-60HBD-595M
80138158	FSM-60NHBD-600M	SR5-60HBD-600M
80138158	FSM-60NHBD-605M	SR5-60HBD-605M
80138158	FSM-60NHBD-610M	SR5-60HBD-610M