



# Certificate of Compliance

**Certificate:** 80173935

**Master Contract:** 605457

**Project:** 80173935

**Date Issued:** 2023-07-03

**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:

SR4-54HTB-xxxM (xxx = 400 to 445 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)
SR4-54HTB-400M	1500	37.8	30.8	13.51	13.01	400	25
SR4-54HTB-405M	1500	38.0	31.0	13.56	13.08	405	25
SR4-54HTB-410M	1500	38.2	31.2	13.61	13.15	410	25
SR4-54HTB-415M	1500	38.4	31.4	13.66	13.22	415	25



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SR4-54HTB-420M	1500	38.6	31.6	13.71	13.30	420	25
SR4-54HTB-425M	1500	38.8	31.8	13.78	13.37	425	25
SR4-54HTB-430M	1500	39.0	32.0	13.86	13.44	430	25
SR4-54HTB-435M	1500	39.2	32.2	13.94	13.51	435	25
SR4-54HTB-440M	1500	39.4	32.4	14.01	13.59	440	25
SR4-54HTB-445M	1500	39.6	32.6	14.09	13.66	445	25

Note:

1. All electrical data are shown as relative to standard test conditions (STC) (1000 W/m<sup>2</sup>, (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.



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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
80173935	2023-06-18	Multiple listing for SUNPLUS OPTIMUM INC.

Original Report	Submitter's Models	Listee's Models
80138159	FSM-54HTB-400M	SR4-54HTB-400M
80138159	FSM-54HTB-405M	SR4-54HTB-405M
80138159	FSM-54HTB-410M	SR4-54HTB-410M
80138159	FSM-54HTB-415M	SR4-54HTB-415M
80138159	FSM-54HTB-420M	SR4-54HTB-420M
80138159	FSM-54HTB-425M	SR4-54HTB-425M
80138159	FSM-54HTB-430M	SR4-54HTB-430M
80138159	FSM-54HTB-435M	SR4-54HTB-435M
80138159	FSM-54HTB-440M	SR4-54HTB-440M
80138159	FSM-54HTB-445M	SR4-54HTB-445M