



# Certificate of Compliance

**Certificate:** 80278582 **Master Contract:** 306344  
**Project:** 80278582 **Date Issued:** 2026-05-13  
**Issued to:** SMART GÜNEŞ ENERJİSİ **Issued by:** Sara Guo  
TEKNOLOJİLERİ ARAŞTIRMA  
GELİŞTİRME ÜRETİM SANAYİ  
VE TİC. A.Ş. Sara Guo

RÜZGARLIBAHÇE MAH.  
FERAGAT SK. NO: 2 İÇ KAPI  
NO: 6 BEYKOZ, İstanbul 34805  
Turkey

*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*



## **PRODUCTS**

CLASS 5311 10 - POWER SUPPLIES - Photovoltaic Modules and Panels

CLASS 5311 90 - POWER SUPPLIES - Photovoltaic Modules and Panels - Certified to U.S. Standards

Photovoltaic modules with Fire Performance (USA) Type 29, maximum system voltage of 1500 V dc, fuse rating 30A.

Model Series:

SSxxxL8GFH-22/WNH, xxx = 610 to 635 in steps of 5

SSxxxL8GFH-20/UNH, xxx = 555 to 575 in steps of 5

SSxxxL8GFH-18/VNH, xxx = 500 to 520 in steps of 5

PMxxxL8GFH-22/WNH, xxx = 610 to 635 in steps of 5

PMxxxL8GFH-20/UNH, xxx = 555 to 575 in steps of 5

PMxxxL8GFH-18/VNH, xxx = 500 to 520 in steps of 5



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Notes:

1. The electrical characteristics are within  $\pm 4$  percent of the rated values of  $I_{sc}$ ,  $\pm 3$  percent of the rated values of  $V_{oc}$  and  $P_{max}$  under standard test conditions (irradiance of 1000 W/m<sup>2</sup>, AM 1.5 spectrum, and a cell temperature of 25°C (77°F)).
2. 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.

STC condition

Model Type	Open Circuit Voltage (V)	Short Circuit Current (A)	Maximum power voltage (V)	Maximum power current (A)	Maximum Power (Watts)
SS610L8GFH-22/WNH	48.59	15.50	42.25	14.44	610
SS615L8GFH-22/WNH	48.71	15.59	42.33	14.53	615
SS620L8GFH-22/WNH	48.82	15.68	42.41	14.62	620
SS625L8GFH-22/WNH	48.94	15.77	42.49	14.71	625
SS630L8GFH-22/WNH	49.05	15.86	42.57	14.80	630
SS635L8GFH-22/WNH	49.16	15.95	42.65	14.89	635
SS555L8GFH-20/UNH	44.16	15.52	38.39	14.46	555
SS560L8GFH-20/UNH	44.30	15.61	38.49	14.55	560
SS565L8GFH-20/UNH	44.44	15.70	38.60	14.64	565
SS570L8GFH-20/UNH	44.58	15.79	38.70	14.73	570
SS575L8GFH-20/UNH	44.71	15.88	38.80	14.82	575
SS500L8GFH-18/VNH	39.74	15.54	34.54	14.48	500
SS505L8GFH-18/VNH	39.90	15.63	34.67	14.57	505
SS510L8GFH-18/VNH	40.06	15.72	34.79	14.66	510
SS515L8GFH-18/VNH	40.23	15.81	34.92	14.75	515
SS520L8GFH-18/VNH	40.39	15.90	35.05	14.84	520
PM610L8GFH-22/WNH	48.59	15.50	42.25	14.44	610
PM 615L8GFH-22/WNH	48.71	15.59	42.33	14.53	615
PM 620L8GFH-22/WNH	48.82	15.68	42.41	14.62	620
PM 625L8GFH-22/WNH	48.94	15.77	42.49	14.71	625
PM 630L8GFH-22/WNH	49.05	15.86	42.57	14.80	630
PM 635L8GFH-22/WNH	49.16	15.95	42.65	14.89	635
PM 555L8GFH-20/UNH	44.16	15.52	38.39	14.46	555
PM 560L8GFH-20/UNH	44.30	15.61	38.49	14.55	560
PM 565L8GFH-20/UNH	44.44	15.70	38.60	14.64	565
PM 570L8GFH-20/UNH	44.58	15.79	38.70	14.73	570
PM 575L8GFH-20/UNH	44.71	15.88	38.80	14.82	575



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PM 500L8GFH-18/VNH	39.74	15.54	34.54	14.48	500
PM 505L8GFH-18/VNH	39.90	15.63	34.67	14.57	505
PM 510L8GFH-18/VNH	40.06	15.72	34.79	14.66	510
PM 515L8GFH-18/VNH	40.23	15.81	34.92	14.75	515
PM 520L8GFH-18/VNH	40.39	15.90	35.05	14.84	520



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BNPI condition

Model Type	Open Circuit Voltage (V dc)	Short Circuit Current (A dc)	Rated Maximum Power (Watts)	Short Circuit Current (A dc) BSI condition
SS610L8GFH-22/WNH	48.59	17.05	672	18.75
SS615L8GFH-22/WNH	48.71	17.15	677	18.86
SS620L8GFH-22/WNH	48.82	17.25	683	18.97
SS625L8GFH-22/WNH	48.94	17.35	688	19.08
SS630L8GFH-22/WNH	49.05	17.45	694	19.19
SS635L8GFH-22/WNH	49.16	17.55	699	19.30
SS555L8GFH-20/UNH	44.16	17.07	610	18.77
SS560L8GFH-20/UNH	44.30	17.17	616	18.88
SS565L8GFH-20/UNH	44.44	17.27	622	18.99
SS570L8GFH-20/UNH	44.58	17.37	627	19.10
SS575L8GFH-20/UNH	44.71	17.47	633	19.22
SS500L8GFH-18/VNH	39.74	17.09	550	18.80
SS505L8GFH-18/VNH	39.90	17.19	555	18.91
SS510L8GFH-18/VNH	40.06	17.29	561	19.02
SS515L8GFH-18/VNH	40.23	17.39	566	19.13
SS520L8GFH-18/VNH	40.39	17.49	572	19.24



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PM 630L8GFH-22/WNH	49.05	17.45	694	19.19
PM 635L8GFH-22/WNH	49.16	17.55	699	19.30
PM 555L8GFH-20/UNH	44.16	17.07	610	18.77
PM 560L8GFH-20/UNH	44.30	17.17	616	18.88
PM 565L8GFH-20/UNH	44.44	17.27	622	18.99
PM 570L8GFH-20/UNH	44.58	17.37	627	19.10
PM 575L8GFH-20/UNH	44.71	17.47	633	19.22
PM 500L8GFH-18/VNH	39.74	17.09	550	18.80
PM 505L8GFH-18/VNH	39.90	17.19	555	18.91
PM 510L8GFH-18/VNH	40.06	17.29	561	19.02
PM 515L8GFH-18/VNH	40.23	17.39	566	19.13
PM 520L8GFH-18/VNH	40.39	17.49	572	19.24

## 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 2nd: Photovoltaic (PV) Module Safety Qualification – Part 1: Requirements for Construction, 2022-10-28.

UL 61730-2 2nd: Photovoltaic (PV) Module Safety Qualification – Part 2: Requirements for Testing, 2022-10-28, reprint 2023-10-10.

UL 61215-1 2nd: Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval - Part 1: Test requirements, 2021-07-28

UL 61215-1-1 2nd: Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval - Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules, 2021-07-28

UL 61215-2 2nd, Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures, 2021-07-28.

## MARKINGS

Notes:

For Photovoltaic module model, SS means Smart Solar, PM means PV MAXX.



Products certified under Class C531110 and C531190 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## *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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80278582	2026-05-13	Original certificate