



Certificate of Compliance

Certificate: 80278569 **Master Contract:** 306344
Project: 80278569 **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 1, maximum system voltage of 1500 V dc, fuse rating 30A.

Model Series:

SSxxxM8H-26/PH, xxx = 585 to 615 in steps of 5
SSxxxM8H-24/TH, xxx = 545 to 565 in steps of 5
SSxxxM8H-22/WH, xxx = 500 to 520 in steps of 5
SSxxxM8H-20/UH, xxx = 450 to 470 in steps of 5
SSxxxM8H-18/VH, xxx = 410 to 425 in steps of 5



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SSxxxM6H-26/PH, xxx = 585 to 615 in steps of 5
 SSxxxM6H-24/TH, xxx = 545 to 565 in steps of 5
 SSxxxM6H-22/WH, xxx = 500 to 520 in steps of 5
 SSxxxM6H-20/UH, xxx = 450 to 470 in steps of 5
 SSxxxM6H-18/VH, xxx = 410 to 425 in steps of 5
 PMxxxM8H-26/PH, xxx = 585 to 615 in steps of 5
 PMxxxM8H-24/TH, xxx = 545 to 565 in steps of 5
 PMxxxM8H-22/WH, xxx = 500 to 520 in steps of 5
 PMxxxM8H-20/UH, xxx = 450 to 470 in steps of 5
 PMxxxM8H-18/VH, xxx = 410 to 425 in steps of 5
 PMxxxM6H-26/PH, xxx = 585 to 615 in steps of 5
 PMxxxM6H-24/TH, xxx = 545 to 565 in steps of 5
 PMxxxM6H-22/WH, xxx = 500 to 520 in steps of 5
 PMxxxM6H-20/UH, xxx = 450 to 470 in steps of 5
 PMxxxM6H-18/VH, xxx = 410 to 425 in steps of 5

Notes:

1. The electrical characteristics are within ± 4 percent of the rated values of I_{sc} , ± 3 percent of the rated values of V_{oc} and P_{max} under standard test conditions (irradiance of 1000 W/m², 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)
SS585M8H-26/PH	50.29	14.52	42.23	13.87	585
SS590M8H-26/PH	50.39	14.62	42.33	13.96	590
SS595M8H-26/PH	50.49	14.72	42.42	14.04	595
SS600M8H-26/PH	50.59	14.82	42.52	14.13	600
SS605M8H-26/PH	50.69	14.92	42.61	14.22	605
SS610M8H-26/PH	50.80	15.01	42.70	14.30	610
SS615M8H-26/PH	50.90	15.11	42.80	14.39	615



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Model Type	Open Circuit Voltage (V)	Short Circuit Current (A)	Maximum power voltage (V)	Maximum power current (A)	Maximum Power (Watts)
SS545M8H-24/TH	49.49	13.72	41.45	13.15	545
SS550M8H-24/TH	49.59	13.82	41.55	13.24	550
SS555M8H-24/TH	49.69	13.92	41.64	13.33	555
SS560M8H-24/TH	49.79	14.02	41.73	13.42	560
SS565M8H-24/TH	49.89	14.12	41.83	13.51	565
SS500M8H-22/WH	45.41	13.72	38.03	13.15	500
SS505M8H-22/WH	45.53	13.82	38.15	13.24	505
SS510M8H-22/WH	45.64	13.92	38.27	13.33	510
SS515M8H-22/WH	45.80	14.02	38.38	13.42	515
SS520M8H-22/WH	45.91	14.12	38.50	13.51	520
SS450M8H-20/UH	40.87	13.72	34.23	13.15	450
SS455M8H-20/UH	41.02	13.82	34.37	13.24	455
SS460M8H-20/UH	41.19	13.92	34.51	13.33	460
SS465M8H-20/UH	41.35	14.02	34.65	13.42	465
SS470M8H-20/UH	41.51	14.12	34.79	13.51	470
SS410M8H-18/VH	37.23	13.72	31.18	13.15	410
SS415M8H-18/VH	37.42	13.82	31.35	13.24	415
SS420M8H-18/VH	37.61	13.92	31.51	13.33	420
SS425M8H-18/VH	37.79	14.02	31.83	13.51	425
SS585M6H-26/PH	50.29	14.52	42.23	13.87	585
SS590M6H-26/PH	50.39	14.62	42.33	13.96	590
SS595M6H-26/PH	50.49	14.72	42.42	14.04	595
SS600M6H-26/PH	50.59	14.82	42.52	14.13	600
SS605M6H-26/PH	50.69	14.92	42.61	14.22	605
SS610M6H-26/PH	50.80	15.01	42.70	14.30	610
SS615M6H-26/PH	50.90	15.11	42.80	14.39	615
SS545M6H-24/TH	49.49	13.72	41.45	13.15	545
SS550M6H-24/TH	49.59	13.82	41.55	13.24	550
SS555M6H-24/TH	49.69	13.92	41.64	13.33	555
SS560M6H-24/TH	49.79	14.02	41.73	13.42	560
SS565M6H-24/TH	49.89	14.12	41.83	13.51	565
SS500M6H-22/WH	45.41	13.72	38.03	13.15	500
SS505M6H-22/WH	45.53	13.82	38.15	13.24	505
SS510M6H-22/WH	45.64	13.92	38.27	13.33	510
SS515M6H-22/WH	45.80	14.02	38.38	13.42	515
SS520M6H-22/WH	45.91	14.12	38.50	13.51	520



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Model Type	Open Circuit Voltage (V)	Short Circuit Current (A)	Maximum power voltage (V)	Maximum power current (A)	Maximum Power (Watts)
SS450M6H-20/UH	40.87	13.72	34.23	13.15	450
SS455M6H-20/UH	41.02	13.82	34.37	13.24	455
SS460M6H-20/UH	41.19	13.92	34.51	13.33	460
SS465M6H-20/UH	41.35	14.02	34.65	13.42	465
SS470M6H-20/UH	41.51	14.12	34.79	13.51	470
SS410M6H-18/VH	37.23	13.72	31.18	13.15	410
SS415M6H-18/VH	37.42	13.82	31.35	13.24	415
SS420M6H-18/VH	37.61	13.92	31.51	13.33	420
SS425M6H-18/VH	37.79	14.02	31.83	13.51	425
PM585M8H-26/PH	50.29	14.52	42.23	13.87	585
PM590M8H-26/PH	50.39	14.62	42.33	13.96	590
PM595M8H-26/PH	50.49	14.72	42.42	14.04	595
PM600M8H-26/PH	50.59	14.82	42.52	14.13	600
PM605M8H-26/PH	50.69	14.92	42.61	14.22	605
PM610M8H-26/PH	50.80	15.01	42.70	14.30	610
PM615M8H-26/PH	50.90	15.11	42.80	14.39	615
PM545M8H-24/TH	49.49	13.72	41.45	13.15	545
PM550M8H-24/TH	49.59	13.82	41.55	13.24	550
PM555M8H-24/TH	49.69	13.92	41.64	13.33	555
PM560M8H-24/TH	49.79	14.02	41.73	13.42	560
PM565M8H-24/TH	49.89	14.12	41.83	13.51	565
PM500M8H-22/WH	45.41	13.72	38.03	13.15	500
PM505M8H-22/WH	45.53	13.82	38.15	13.24	505
PM510M8H-22/WH	45.64	13.92	38.27	13.33	510
PM515M8H-22/WH	45.80	14.02	38.38	13.42	515
PM520M8H-22/WH	45.91	14.12	38.50	13.51	520
PM450M8H-20/UH	40.87	13.72	34.23	13.15	450
PM455M8H-20/UH	41.02	13.82	34.37	13.24	455
PM460M8H-20/UH	41.19	13.92	34.51	13.33	460
PM465M8H-20/UH	41.35	14.02	34.65	13.42	465
PM470M8H-20/UH	41.51	14.12	34.79	13.51	470
PM410M8H-18/VH	37.23	13.72	31.18	13.15	410
PM415M8H-18/VH	37.42	13.82	31.35	13.24	415
PM420M8H-18/VH	37.61	13.92	31.51	13.33	420
PM425M8H-18/VH	37.79	14.02	31.83	13.51	425
PM585M6H-26/PH	50.29	14.52	42.23	13.87	585



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Model Type	Open Circuit Voltage (V)	Short Circuit Current (A)	Maximum power voltage (V)	Maximum power current (A)	Maximum Power (Watts)
PM590M6H-26/PH	50.39	14.62	42.33	13.96	590
PM595M6H-26/PH	50.49	14.72	42.42	14.04	595
PM600M6H-26/PH	50.59	14.82	42.52	14.13	600
PM605M6H-26/PH	50.69	14.92	42.61	14.22	605
PM610M6H-26/PH	50.80	15.01	42.70	14.30	610
PM615M6H-26/PH	50.90	15.11	42.80	14.39	615
PM545M6H-24/TH	49.49	13.72	41.45	13.15	545
PM550M6H-24/TH	49.59	13.82	41.55	13.24	550
PM555M6H-24/TH	49.69	13.92	41.64	13.33	555
PM560M6H-24/TH	49.79	14.02	41.73	13.42	560
PM565M6H-24/TH	49.89	14.12	41.83	13.51	565
PM500M6H-22/WH	45.41	13.72	38.03	13.15	500
PM505M6H-22/WH	45.53	13.82	38.15	13.24	505
PM510M6H-22/WH	45.64	13.92	38.27	13.33	510
PM515M6H-22/WH	45.80	14.02	38.38	13.42	515
PM520M6H-22/WH	45.91	14.12	38.50	13.51	520
PM450M6H-20/UH	40.87	13.72	34.23	13.15	450
PM455M6H-20/UH	41.02	13.82	34.37	13.24	455
PM460M6H-20/UH	41.19	13.92	34.51	13.33	460
PM465M6H-20/UH	41.35	14.02	34.65	13.42	465
PM470M6H-20/UH	41.51	14.12	34.79	13.51	470
PM410M6H-18/VH	37.23	13.72	31.18	13.15	410
PM415M6H-18/VH	37.42	13.82	31.35	13.24	415
PM420M6H-18/VH	37.61	13.92	31.51	13.33	420
PM425M6H-18/VH	37.79	14.02	31.83	13.51	425



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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
SS585M8H-26/PH	50.29	15.85	643	17.56
SS590M8H-26/PH	50.39	15.96	649	17.68
SS595M8H-26/PH	50.49	16.07	655	17.80
SS600M8H-26/PH	50.59	16.18	660	17.92
SS605M8H-26/PH	50.69	16.29	665	18.04
SS610M8H-26/PH	50.80	16.40	671	18.15
SS615M8H-26/PH	50.90	16.51	676	18.27
SS545M8H-24/TH	49.49	14.98	593	16.60
SS550M8H-24/TH	49.59	15.08	598	16.72
SS555M8H-24/TH	49.69	15.19	604	16.84
SS560M8H-24/TH	49.79	15.25	609	16.96
SS565M8H-24/TH	49.90	15.37	615	17.09
SS500M8H-22/WH	45.41	14.98	544	16.60
SS505M8H-22/WH	45.53	15.08	549	16.72
SS510M8H-22/WH	45.64	15.20	555	16.84
SS515M8H-22/WH	45.80	15.25	560	16.96
SS520M8H-22/WH	45.91	15.35	565	17.08
SS450M8H-20/UH	40.87	14.96	489	16.60
SS455M8H-20/UH	41.02	15.09	495	16.72
SS460M8H-20/UH	41.17	15.18	500	16.84
SS465M8H-20/UH	41.32	15.31	506	16.96
SS470M8H-20/UH	41.51	15.35	511	17.09
SS410M8H-18/VH	37.23	14.94	446	16.60
SS415M8H-18/VH	37.42	15.04	451	16.72
SS420M8H-18/VH	37.61	15.13	457	16.84
SS425M8H-18/VH	37.79	15.24	462	16.96
PM585M8H-26/PH	50.29	15.85	643	17.56
PM590M8H-26/PH	50.39	15.96	649	17.68
PM595M8H-26/PH	50.49	16.07	655	17.80
PM600M8H-26/PH	50.59	16.18	660	17.92
PM605M8H-26/PH	50.69	16.29	665	18.04
PM610M8H-26/PH	50.80	16.40	671	18.15
PM615M8H-26/PH	50.90	16.51	676	18.27
PM545M8H-24/TH	49.49	14.98	593	16.60
PM550M8H-24/TH	49.59	15.08	598	16.72
PM555M8H-24/TH	49.69	15.19	604	16.84



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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
PM560M8H-24/TH	49.79	15.25	609	16.96
PM565M8H-24/TH	49.90	15.37	615	17.09
PM500M8H-22/WH	45.41	14.98	544	16.60
PM505M8H-22/WH	45.53	15.08	549	16.72
PM510M8H-22/WH	45.64	15.20	555	16.84
PM515M8H-22/WH	45.80	15.25	560	16.96
PM520M8H-22/WH	45.91	15.35	565	17.08
PM450M8H-20/UH	40.87	14.96	489	16.60
PM455M8H-20/UH	41.02	15.09	495	16.72
PM460M8H-20/UH	41.17	15.18	500	16.84
PM465M8H-20/UH	41.32	15.31	506	16.96
PM470M8H-20/UH	41.51	15.35	511	17.09
PM410M8H-18/VH	37.23	14.94	446	16.60
PM415M8H-18/VH	37.42	15.04	451	16.72
PM420M8H-18/VH	37.61	15.13	457	16.84
PM425M8H-18/VH	37.79	15.24	462	16.96

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.



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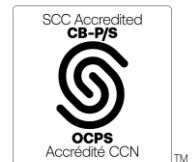
MARKINGS

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





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
80278569	2026-05-13	Original certificate and add two factories SMART GÜNEŞ ENERJİSİ TEKNOLOJİLERİ ARAŞTIRMA GELİŞTİRME ÜRETİM SANAYİ VE TİC. A.Ş (ID: 6031963) and SMART GÜNEŞ ENERJİSİ TEKNOLOJİLERİ ARAŞTIRMA GELİŞTİRME ÜRETİM SANAYİ VE TİC. A.Ş, (ID: 6024831).