



Certificate of Compliance

Certificate: 70018242 (LR 72)

Master Contract: 262723

Project: 70191513

Date Issued: 2018-10-11

Issued to: Seraphim Solar System Co., Ltd.
Linnan Henglin Zhen,
Wujin District
Changzhou, Jiangsu 213101
CHINA
Attention: Terry Jin

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and US Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by: Qiang (Sean) Jiang
Qiang (Sean) Jiang

PRODUCTS

CLASS - C531110 - POWER SUPPLIES-Photovoltaic Modules and Panels

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

Photovoltaic modules with Fire Performance Type 2 or 1 (only for USA), Class C (only for Canada).

Model series SRP-XXX-6PA (XXX=245 to 365), SRP-XXX-6PB (XXX=205 to 305), SRP-XXX-6PC (XXX=210 to 270), SRP-XXX-6PD (XXX=185 to 240), SRP-XXX-6PE (XXX=140 to 180);

Model series SRP-XXX-6MA (XXX=270 to 370), SRP-XXX-6MB (XXX=225 to 305), SRP-XXX-6MC (XXX=200 to 280), SRP-XXX-6MD (XXX=180 to 245), SRP-XXX-6ME (XXX=135 to 185);

Model series SRP-XXX-5MA (XXX=225 to 285), SRP-XXX-5MB (XXX=160 to 210), SRP-XXX-5MC (XXX=80 to 105);

Model series SRP-XXX-E11A (XXX=325-385), SRP-XXX-E11B(XXX=275-320), SRP-XXX-E11C (XXX=220-255), SRP-XXX-E11D(XXX=165-190), SRP-XXX-E12A (XXX=320-370), SRP-XXX-E12B (XXX=270-305),



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SRP-XXX-E12C (XXX=215-245), SRP-XXX-E12D (XXX=160-180), SRP-XXX-E13A (XXX=305-360), SRP-XXX-E13B (XXX=260-300), SRP-XXX-E13C (XXX=210-240), SRP-XXX-E13D (XXX=155-175),

Model series SRP-XXX-E01A (XXX=325-400), SRP-XXX-E02A (XXX=320-385), SRP-XXX-E03A (XXX=310-375), SRP-XXX-E04A (XXX=300-360), SRP-XXX-E05A (XXX=290-350), SRP-XXX-E06A (XXX=280-340), SRP-XXX-E07A (XXX=270-325), SRP-XXX-E08A (XXX=260-315), SRP-XXX-E09A (XXX=250-305), SRP-XXX-E01B (XXX=275-330), SRP-XXX-E02B (XXX=275-320), SRP-XXX-E03B (XXX=260-310), SRP-XXX-E04B (XXX=250-300), SRP-XXX-E05B (XXX=245-290), SRP-XXX-E06B (XXX=235-280), SRP-XXX-E07B (XXX=225-270), SRP-XXX-E08B (XXX=220-260), SRP-XXX-E09B (XXX=210-250), SRP-XXX-E01C (XXX=220-265), SRP-XXX-E02C (XXX=215-255), SRP-XXX-E03C (XXX=210-250), SRP-XXX-E04C (XXX=200-240), SRP-XXX-E05C (XXX=195-230), SRP-XXX-E06C (XXX=190-225), SRP-XXX-E07C (XXX=180-215), SRP-XXX-E08C (XXX=175-210), SRP-XXX-E09C (XXX=170-200), SRP-XXX-E01D (XXX=165-200), SRP-XXX-E02D (XXX=160-190), SRP-XXX-E03D (XXX=155-185), SRP-XXX-E04D (XXX=150-180), SRP-XXX-E05D (XXX=145-175), SRP-XXX-E06D (XXX=140-170), SRP-XXX-E07D (XXX=135-160), SRP-XXX-E08D (XXX=130-155), SRP-XXX-E09D (XXX=125-150);

Model series SRP-XXX-6PA-BB (XXX=315 to 335), SRP-XXX-6PB-BB (XXX=260 to 275), SRP-XXX-6MA-BB (XXX=330 to 370), SRP-XXX-6MB-BB (XXX=275 to 305).

Model series SRP-XXX-BMA (XXX=330 to 375), SRP-XXX-BMB (XXX=275 to 310), SRP-XXX-BMC (XXX=305 to 340), SRP-XXX-BMD (XXX=250 to 280), SRP-XXX-BME (XXX=220 to 250), SRP-XXX-BPA (XXX=310 to 350), SRP-XXX-BPB (XXX=255 to 290), SRP-XXX-BPC (XXX=280 to 320), SRP-XXX-BPD (XXX=230 to 260), SRP-XXX-BPE (XXX=205 to 230).

Photovoltaic modules with maximum system voltage of 1000 V dc (All series) or 1500V dc (SRP-XXX-6PA/6PB/6MA/6MB/BMA/BMB/BMC/BMD/BME/BPA/BPB/BPC//BPD/BPE series).

Notes: Rated electrical characteristics are within +/- 10% of measured values at Standard Test Conditions of 100 mW/cm² irradiance, AM 1.5 spectrums, and 25°C, NOCT: 45 +/-2°C. Fuse rating 20A.

APPLICABLE REQUIREMENTS

ULC/ORD- C1703-01 - Flat-Plate Photovoltaic Modules and Panels
UL 1703-3rd Edition - Flat-Plate Photovoltaic Modules and Panels



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
70191513	2018-10-11	Update report 70135642 to add two new cell (EE6E5C and EE6E4C) which is already listed in the report 70135642.
70191515	2018-10-10	Update report 70018242 to add new half-cell series which is already listed in the report 70135642.
70173553	2018-05-22	Update report 70018242 to correct and extend the electrical rating for SRP-XXX-6PA/PB/PC/PD/PE, SRP-XXX-6MA/6MB/6MC/6MD/6ME, SRP-XXX-5MA/5MB/5MC, SRP-XXX-E02B/E07B/E07C series, add a new frame, increase fuse rating to 20A for all series, add a new cell which is already listed in the report 70135642.
70162246	2017-11-13	Update report 70018242 to add a new substrate and EVA which is already listed in the report 70135642.
70145203	2017-08-31	Update report 70018242 to add three manufacturers (INFINI, Green wing solar Technology Co.,Ltd., VINA SOLAR TECHNOLOGY CO., LTD)
70145201	2017-07-25	Update report 70018242 to add black edge sealing and expend the power rating.
70145199	2017-07-25	Update report 70018242 to improve mechanical loading rating.
70117433	2017-05-05	Update report 70018242 to add new frame with model series SRP-XXX-6PA/6MA/6PB/6MB, new mechanical loading for SRP-XXX-6PB/6MB.
70104924	2017-03-08	Update report 70018242 to add new 1500V system voltage models, add new substrate, add new black frame series
70115967	2017-01-23	Update report 70018242 to add new black substrate and frame
70091313	2016-12-23	Alternate new material combination (for BOM3 & BOM4)
70108542	2016-11-17	Update report 70018242 to add a new junction box
70066081	2016-09-21	Update report 70018242 to cover new combination, add new factory 'Seraphim Solar USA Manufacturing, Inc'.
70077591	2016-07-11	Seraphim Solar System Co.,Ltd. Multiple listing for SOLAREVER TECNOLOGÍA DE AMÉRICA S.A. DE C.V.



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70043149	2015-08-17	Update report 70018242 to revise Fire Performance to type 1 according to fire performance test and correct label Info.
70018242	2015-03-08	CSA certification for Model series SRP-XXX-6PA (XXX=280 to 320), Model series SRP-XXX-6PB (XXX=240 to 265), Model series SRP-XXX-6PC (XXX=210 to 240), Model series SRP-XXX-6PD (XXX=185 to 210), Model series SRP-XXX-6PE (XXX=140 to 160), Model series SRP-XXX-6MA (XXX=290 to 340), Model series SRP-XXX-6MB (XXX=250 to 280), Model series SRP-XXX-6MC (XXX=230 to 255), Model series SRP-XXX-6MD (XXX=200 to 225), Model series SRP-XXX-6ME (XXX=150 to 170), Model series SRP-XXX-5MA (XXX=265 to 285), Model series SRP-XXX-5MB (XXX=195 to 210), Model series SRP-XXX-5MC (XXX=90 to 105).