



Certificate of Compliance

Certificate: 70089534

Master Contract: 267913

Project: 70162430

Date Issued: 2017-11-17

Issued to: GermanSolar USA Inc.
701 Palomar Airport Road Ste.:300 Carlsbad,
California 92011
USA

Attention: Georg Eversheim

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: Annie Qi
Annie Qi

PRODUCTS

CLASS - C225802 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations

CLASS - C225882 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations - Certified to US Standards

Class I, Division 2, Group A, B, C and D, T3C @ Ta= -40°C to 85°C.

Photovoltaic Modules with maximum system voltage of 600 V dc, and Module Fire Performance Type 4 (for US) or Class C fire rating (for Canada).

Models GSP6-36-5W, GSP6-36-10W, GSP6-36-20W, GSP6-36-30W, GSP6-36-40W, GSP6-36-50W, GSP6-36-60W, GSP6-36-70W, GSP6-36-80W, GSP6-36-90W, GSP6-36-100W, GSP6-36-120W, GSP6-36-150W, GSP6-36-160W, GSM6-36-50W, GSM6-36-80W, GSM6-36-100W, GSM6-36-160W, GSM6-36-180W. The electrical ratings as listed below at STC.

Model	Open Circuit Voltage at STC (V dc)	Short Circuit Current at STC (A dc)	Rated Voltage at STC (V dc)	Rated Current at STC (A dc)	Rated Maximum Power at STC (Watts)



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Model	Open Circuit Voltage at STC (V dc)	Short Circuit Current at STC (A dc)	Rated Voltage at STC (V dc)	Rated Current at STC (A dc)	Rated Maximum Power at STC (Watts)
GSP6-36-5W	21.80	0.31	18.10	0.28	5
GSP6-36-10W	21.80	0.62	18.10	0.55	10
GSP6-36-20W	22.00	1.20	18.20	1.10	20
GSP6-36-30W	22.10	1.75	18.20	1.65	30
GSP6-36-40W	22.00	2.37	18.20	2.20	40
GSP6-36-50W	22.30	2.80	18.90	2.65	50
GSP6-36-60W	22.00	3.56	18.20	3.29	60
GSP6-36-70W	22.00	4.15	18.20	3.85	70
GSP6-36-80W	22.00	4.75	18.20	4.40	80
GSP6-36-90W	22.30	5.04	18.90	4.76	90
GSP6-36-100W	22.30	5.60	18.90	5.29	100
GSP6-36-120W	22.00	7.12	18.20	6.60	120
GSP6-36-150W	23.04	8.78	19.10	8.12	150
GSP6-36-160W	23.25	8.96	19.1	8.38	160
GSM6-36-50W	22.40	2.76	18.00	2.60	50
GSM6-36-80W	22.90	4.51	18.40	4.34	80
GSM6-36-100W	22.40	5.95	18.00	5.60	100
GSM6-36-160W	23.44	8.83	19.48	8.22	160
GSM6-36-180W	23.65	9.47	20.19	8.93	180

Notes:

- Rated electrical characteristics are within +/-10% of measured values at Standard Test Conditions of 1000 W/m² irradiance, AM 1.5 spectrum, and cell temperature of 25°C.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 213-17

- Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

UL 12.12.01-Ninth Edition

- Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations



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
70162430	2017-11-17	Update report to add models GSP6-36-160W and GSM6-36-180W for the same material combination as approved models in the report and update the fire rating including Canadian requirement.
70089534	2017-02-17	Original cCSAus Certification for PV module, Class I, Division 2, Group A, B, C, D; T3C