Certificate of Compliance

Certificate: 2655017 **Master Contract:** 249143

Project: 70171875 **Date Issued:** 2018-02-11

Issued to: **Canadian Solar Inc**
545 Speedvale Ave West
Guelph, Ontario N1K 1E6
CANADA

Attention: Jason You

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 system voltage of 600 V dc or 1000 V dc, Class A, Type 13, or Type 3 module fire performance, Model Series CS6X-XXXP-FG where 'XXX' is the power output from 290 W to 360 W with the following electrical rating typical at 360 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	46.5 V
Short Circuit Current (Isc):	9.92 A
Operating Voltage (Vpmax):	38.3 V
Current at Operating Voltage (Ipmax):	9.40 A

Photovoltaic Modules with maximum system voltage of 600 V dc or 1000 V dc, Class A, Type 13, or Type 3 module fire performance, Model Series CS6K-XXXP-FG, CS6K-XXXP-PG where 'XXX' is the power output from 245 W to 300 W with the following electrical rating typical at 300 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	38.8 V
Short Circuit Current (Isc):	9.92 A
Operating Voltage (Vpmax):	32.0 V
Current at Operating Voltage (Ipmax):	9.38 A

Photovoltaic Modules with maximum system voltage of 600 V dc or 1000 V dc, Class A, Type 13, or Type 3 module fire performance, Model Series CS6X-XXXM-FG where 'XXX' is the power output from 290 W to 360 W with the following electrical rating typical at 320 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	46.9 V
Short Circuit Current (Isc):	9.78 A
Operating Voltage (Vpmax):	38.7 V
Current at Operating Voltage (Ipmax):	9.31 A

Photovoltaic Modules with maximum system voltage of 600 V dc or 1000 V dc, Class A, Type 13, or Type 3 module fire performance, Model Series CS6K-XXXM-FG, CS6K-XXXMS-FG where 'XXX' is the power output from 245 W to 305 W with the following electrical rating typical at 305 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	39.9 V
Short Circuit Current (Isc):	9.75 A
Operating Voltage (Vpmax):	32.9 V
Current at Operating Voltage (Ipmax):	9.27 A

Photovoltaic Modules with maximum system voltage of 1000 V dc or 1500 V dc, Class A, New Type module fire performance, similar to Type 13 or Type 3, Model Series CS6U-XXXP-AG where 'XXX' is the power output from 290 W to 360 W with the following electrical rating typical at 320 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	46.5 V
Short Circuit Current (Isc):	9.92 A
Operating Voltage (Vpmax):	38.3 V
Current at Operating Voltage (Ipmax):	9.40 A

Photovoltaic Modules with maximum system voltage of 1000 V dc or 1500 V dc, Class A, New Type module fire performance, similar to Type 13 or Type 3, Model Series CS6K-XXXP-AG where 'XXX' is the power output from 245 W to 300 W with the following electrical rating typical at 300 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	38.8 V
Short Circuit Current (Isc):	9.92 A
Operating Voltage (Vpmax):	32.0 V
Current at Operating Voltage (Ipmax):	9.38 A

Photovoltaic Modules with maximum system voltage of 1000 V dc or 1500 V dc, Class A, New Type module fire performance, similar to Type 13 or Type 3, Model Series CS6U-XXXM-AG where 'XXX' is the power output from 290 W to 360 W with the following electrical rating typical at 360 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	46.9 V
Short Circuit Current (Isc):	9.78 A
Operating Voltage (Vpmax):	38.7 V
Current at Operating Voltage (Ipmax):	9.31 A

Photovoltaic Modules with maximum system voltage of 1000 V dc or 1500 V dc, Class A, New Type module fire performance, similar to Type 13 or Type 3, Model Series CS6K-XXXM-AG, CS6K-XXXMS-AG where 'XXX' is the power output from 200 W to 305 W with the following electrical rating typical at 305 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	39.9 V
Short Circuit Current (Isc):	9.75 A
Operating Voltage (Vpmax):	32.9 V
Current at Operating Voltage (Ipmax):	9.27 A

Photovoltaic Modules with maximum system voltage of 600 V dc or 1000 V dc, Class A, Type 13, or Type 3 module fire performance, Model Series CS3U-XXXMS-FG where 'XXX' is the power output from 350 W to 410 W with the following electrical rating typical at 410 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	49.0 V
Short Circuit Current (Isc):	10.49 A
Operating Voltage (Vpmax):	41.2 V
Current at Operating Voltage (Ipmax):	9.96 A

Photovoltaic Modules with maximum system voltage of 600 V dc or 1000 V dc, Class A, Type 13, or Type 3 module fire performance, Model Series CS3U-XXXP-FG where 'XXX' is the power output from 310 W to 370 W with the following electrical rating typical at 370 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	47.4 V
Short Circuit Current (Isc):	9.83 A
Operating Voltage (Vpmax):	40.0 V
Current at Operating Voltage (Ipmax):	9.26 A

Photovoltaic Modules with maximum system voltage of 600 V dc or 1000 V dc, Class A, Type 13, or Type 3 module fire performance, Model Series CS3K-XXXMS-FG where 'XXX' is the power output from 250 W to 330 W with the following electrical rating typical at 330 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	40.5 V
Short Circuit Current (Isc):	10.30 A
Operating Voltage (Vpmax):	33.7 V
Current at Operating Voltage (Ipmax):	9.80 A

Photovoltaic Modules with maximum system voltage of 600 V dc or 1000 V dc, Class A, Type 13, or Type 3 module fire performance, Model Series CS3K-XXXP-FG where 'XXX' is the power output from 290 W to 325 W with the following electrical rating typical at 325 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	40.3 V
Short Circuit Current (Isc):	10.05 A
Operating Voltage (Vpmax):	33.7 V
Current at Operating Voltage (Ipmax):	9.65 A

Photovoltaic Modules with maximum system voltage of 1000 V dc or 1500 V dc, Class A, New Type module fire performance, similar to Type 13 or Type 3, Model Series CS3U-XXXMS-AG where 'XXX' is the power output from 350 W to 410 W with the following electrical rating typical at 410 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	49.0 V
Short Circuit Current (Isc):	10.49 A
Operating Voltage (Vpmax):	41.2 V
Current at Operating Voltage (Ipmax):	9.96 A

Photovoltaic Modules with maximum system voltage of 1000 V dc or 1500 V dc, Class A, New Type module fire performance, similar to Type 13 or Type 3, Model Series CS3U-XXXP-AG where 'XXX' is the power output from 310 W to 370 W with the following electrical rating typical at 370 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	47.4 V
Short Circuit Current (Isc):	9.83 A
Operating Voltage (Vpmax):	40.0 V
Current at Operating Voltage (Ipmax):	9.26 A

Photovoltaic Modules with maximum system voltage of 1000 V dc or 1500 V dc, Class A, New Type module fire performance, similar to Type 13 or Type 3, Model Series CS3K-XXXMS-AG where 'XXX' is the power output from 250 W to 330 W with the following electrical rating typical at 330 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	40.5 V
Short Circuit Current (Isc):	10.30 A
Operating Voltage (Vpmax):	33.7 V
Current at Operating Voltage (Ipmax):	9.80 A

Photovoltaic Modules with maximum system voltage of 1000 V dc or 1500 V dc, Class A, New Type module fire performance, similar to Type 13 or Type 3, Model Series CS3K-XXXP-AG where 'XXX' is the power output from 290 W to 325 W with the following electrical rating typical at 325 W at Standard Test Conditions (STC):

Open Circuit Voltage (Voc):	40.3 V
Short Circuit Current (Isc):	10.05 A
Operating Voltage (Vpmax):	33.7 V
Current at Operating Voltage (Ipmax):	9.65 A

Notes:

1. Rated electrical characteristics are within +/-10% of measured values at Standard Test Conditions of 100 mW/cm^2 irradiance, AM 1.5 spectrum, and cell temperature of 25ºC.
2. New Type module fire performance for CS6U-XXXP-AG, CS6K-XXXP-AG, CS6U-XXXM-AG, CS6K-XXXM-AG, CS6K-XXXMS-AG, CS3U-XXXP-AG, CS3K-XXXP-AG, CS3U-XXXMS-AG, CS3K-XXXMS-AG. The constructions and fire performance are similar to Type 13 or Type 3, except that assembly with metallic (aluminum) frames.

APPLICABLE REQUIREMENTS

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