



# Certificate of Compliance

**Certificate:** 80141350

**Master Contract:** 604551

**Project:** 80141350

**Date Issued:** 2022-09-20

**Issued to:** TOPCO SOLAR INC  
1810 E Sahara Ave Ste 212  
Las Vegas, Nevada 89104  
USA

**Attention:** Hong Yang

*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:** Yuanyuan (Yolanda) Zhou  
Yuanyuan (Yolanda) Zhou

## PRODUCTS

CLASS 5311 10 - POWER SUPPLIES - Photovoltaic Modules and Panels

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

Crystalline-Si photovoltaic modules with maximum system voltage of 1500 V dc, Safety Class II PV modules.

Models with 210 mm cells:

TPM8-TPLDD132-xxx/M, xxx=630 to 670, in step of 5 W

TPM8-TPLDD120-xxx/M, xxx=575 to 610, in step of 5 W

Models with 182 mm cells:

TPM7-SHLDD144-xxx/M, xxx=520 to 555, in step of 5 W

TPM7-SHLDD132-xxx/M, xxx=475 to 510, in step of 5 W

TPM7-SHLDD120-xxx/M, xxx=435 to 465, in step of 5 W

TPM7-SHLDD108-xxx/M, xxx=390 to 415, in step of 5 W

TPM7-SHLD144-xxx/M, xxx=520 to 555, in step of 5 W

TPM7-SHLD132-xxx/M, xxx=475 to 510, in step of 5 W

TPM7-SHLD120-xxx/M, xxx=435 to 465, in step of 5 W

TPM7-SHLD108-xxx/M, xxx=390 to 415, in step of 5 W

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Models with 166 mm cells:

TPM6-NHLDD144-xxx/M, xxx=420 to 460, in step of 5 W

TPM6-NHLDD132-xxx/M, xxx=385 to 420, in step of 5 W

TPM6-NHLDD120-xxx/M, xxx=350 to 385, in step of 5 W

TPM6-NHLDD144-xxx/M, xxx=420 to 460, in step of 5 W

TPM6-NHLDD132-xxx/M, xxx=385 to 420, in step of 5 W

TPM6-NHLDD120-xxx/M, xxx=350 to 385, in step of 5 W

Notes:

1. All electrical data are shown as relative to standard test conditions (STC) (1 000 W/m<sup>2</sup>, (25 ± 2) °C, AM 1,5 according to IEC 60904-3).
2. Manufacturer's stated tolerance is ±3% for Voc and Pm, and Isc.
3. Rated electrical characteristics are only reflected the front side performance, regardless of the back side.
4. 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.

**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 1st: Photovoltaic (PV) Module Safety Qualification – Part 1: Requirements for Construction, 2017-12-04, revision date 2020-04-30.

UL 61730-2 1st: Photovoltaic (PV) Module Safety Qualification – Part 2: Requirements for Testing, 2017-12-04, revision date 2020-04-30.

Notes:

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



**MARKINGS**

Each unit shall bear all the required markings identified in the applicable certification report(s).