



Certificate of Compliance

Certificate: 2570646

Master Contract: 253368

Project: 2633814

Date Issued: June 6, 2013

Issued to: Hanwha SolarOne (Qidong) Co Ltd

658 Linyang Rd
Qidong City, Jiangsu 226200
China

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.



Brij Aggarwal

Issued by: Brij Aggarwal, P.Eng.

PRODUCTS

CLASS 5311 10 - POWER SUPPLIES - Photovoltaic Modules and Panels

CLASS 5311 90 - POWER SUPPLIES - Photovoltaic Modules and Panels - Certified to US Standards

Photovoltaic Modules with Class C fire class rating, Model Series:

HSL60M6-PA-0-xxx (xxx = 200 to 245 W), HSL60P6-PA-0-xxx (xxx = 200 to 255 W), HSL72M6-PA-0-xxx (xxx = 250 to 310 W), HSL72P6-PA-0-xxx (xxx = 250 to 305 W), HSL60P6-PB-0-xxx (xxx = 200 to 250 W), HSL72P6-PB-0-xxx (xxx = 250 to 305 W), HSL60P6-PB-0-xxx (xxx = 230 to 255 W), HSL72P6-PB-0-xxx (xxx = 275 to 305 W); HSL48M6-HA-0-xxx (xxx=190 to 215 W), HSL54M6-HA-0-xxx (xxx=210 to 240 W), HSL60M6-HA-0-xxx (xxx=235 to 265 W), HSL72M6-HA-0-xxx (xxx=270 to 310 W), HSL48M6-HB-0-xxx (xxx=190 to 215 W), HSL54M6-HB-0-xxx (xxx=210 to 240 W), HSL60M6-HB-0-xxx (xxx=235 to 265 W), HSL72M6-HB-0-xxx (xxx=270 to 310 W), HSL60P6-PA-2-xxx (xxx=230 to 260W), HSL60P6-PB-2-xxx (xxx=230 to 260W), HSL72P6-PA-2-xxx (xxx=280 to 310W), HSL72P6-PB-2-xxx (xxx=280 to 310W) with maximum system voltage of 600Vdc and the electrical ratings as specified below at Standard Test Conditions.

HSL60P6-PA-4-xxx (xxx = 200 to 260 W), HSL72P6-PA-4-xxx (xxx = 250 to 310W), HSL60P6-PB-4-xxx (xxx = 200 to 260 W), HSL72P6-PB-4-xxx (xxx = 250 to 310 W); HSL48M6-HA-4-xxx (xxx=190 to 215 W), HSL54M6-HA-4-xxx (xxx=210 to 240 W), HSL60M6-HA-4-xxx (xxx=235 to 265 W), HSL72M6-HA-4-



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xxx (xxx=270 to 310 W), HSL48M6-HB-4-xxx (xxx=190 to 215 W), HSL54M6-HB-4-xxx (xxx=210 to 240 W), HSL60M6-HB-4-xxx (xxx=235 to 265 W), HSL72M6-HB-4-xxx (xxx=270 to 310 W), HSL60P6-PA-3-xxx (xxx=230 to 260W), HSL60P6-PB-3-xxx (xxx=230 to 260W), HSL72P6-PA-3-xxx (xxx=280 to 310W), HSL72P6-PA-3-xxx (xxx=280 to 310W) with maximum system voltage of 1000Vdc and the electrical ratings as specified below at Standard Test Conditions.

Notes:

1. 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.
2. Models may be ended with "T", which means the cell manufacture from Motech Industries, INC or Gintech Energy Corporation or Sunrise Global Solar Energy Company Ltd. ; or ended with "TW" which are identical to the models with "T" except for the frame is black; or ended with "B", which means black materials (substrate and seal) used; or ended with "TB", which means the cell manufacture from Motech Industries, INC or Gintech Energy Corporation or Sunrise Global Solar Energy Company Ltd and black materials (substrate and seal) used. Models may be ended with "Q", which means the cell manufacture from Hanwha Q.CELLS; or ended with "QW" which are identical to the models with "Q" except for the frame is black; or ended with "B", which means black materials (substrate and seal) used; or ended with "QB", which means the cell manufacture from Hanwha Q.CELLS and black materials (substrate and seal) used.
3. In the series designation "-0" "-2" means maximum system voltage 600Vdc and "-3" "-4" means maximum system voltage 1000 Vdc.
4. In the series designation, "-PA-" and "HA" means X-tra series; "-PB-" and "HB" means E-star series.

APPLICABLE REQUIREMENTS

ULC/ORD - C1703-01 - Flat-Plate Photovoltaic Modules and Panels

UL 1703-3rd Ed - Flat-Plate Photovoltaic Modules and Panels