



Certificate of Compliance

Certificate: 2599929 **Master Contract:** 252024
Project: 70175871 **Date Issued:** 2018-04-19
Issued to: Shanghai Aerospace Automobile Electromechanical Co., Ltd.
222 Caoxi Rd, the 8th Floor of Spaceflight Building
Shanghai, 200235
CHINA
Attention: Han Kaimin

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: 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 Class C or Type 1 fire class rating, Model series HT72-156P-270; HT72-156P-xxx(xxx=275W to 360W); series HT60-156P-xxx (xxx=210W to 300W); series HT72-156M-xxx(xxx=270W to 395W); series HT60-156M-xxx (xxx=215W to 325W); series HT54-156P-xxx (xxx=225W to 270W); series HT54-156M-xxx (xxx=245W to 295W); series HT48-156P-xxx (xxx=195W to 240W); series HT48-156M-xxx (xxx=215W to 260W); series HT36-156P-xxx (xxx=150W to 180W); series HT36-156M-xxx (xxx=160W to 195W); series HT72-125M-xxx (xxx=170W to 210W); HT36-125M-90; HT48-156P-165; S-5D, S-10D, S-20D, S-40D, S-55D, S-65D, S-75D, S-85D, S-125D; S-5C, S-11C, S-15C, S-21C, S-42C S-55C, HT72-156P(V)-xxx (xxx=295W to 360W), HT60-156P(V)-xxx (xxx=250W to 300W), HT54-156P(V)-xxx (xxx=225W to 270W), HT48-156P(V)-xxx (xxx=195W to 240W), HT36-156P(V)-xxx (xxx=150W to 180W), HT72-156M(V)-xxx (xxx=320W to 395W), HT60-156M(V)-xxx (xxx=270W to 325W), HT54-156M(V)-xxx (xxx=245W to 295W), HT48-156M(V)-xxx (xxx=215W to 260W), HT36-156M(V)-xxx (xxx=160W to 195W).

PART A: Photovoltaic Modules with maximum system voltage of 600 V dc
PART B: Photovoltaic Modules with maximum system voltage of 1000 V dc
PART C: Photovoltaic Modules with maximum system voltage of 1500 V dc



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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, Fuse rating 15A or 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
70175871	2018-04-19	Update report 2599929 to add new 1500v series (HT72-156P(V), HT60-156P(V), HT54-156P(V), HT48-156P(V), HT36-156P(V), HT72-156M(V), HT60-156M(V), HT54-156M(V), HT48-156M(V), HT36-156M(V), add a new Turkey manufacturer (HT SOLAR ENERJi A. S.), expend the 1000V series with modification as HT72-156P-xxx(xxx=275W to 360W); series HT60-156P-xxx (xxx=210W to 300W); series HT72-156M-xxx(xxx=270W to 395W); series HT60-156M-xxx (xxx=215W to 325W), add new 1000V series series HT54-156P-xxx (xxx=225W to 270W); series HT54-156M-xxx (xxx=270W to 325W); series HT48-156P-xxx (xxx=195W to 240W); series HT48-156M-xxx (xxx=215W to 260W); series HT36-156P-xxx (xxx=150W to 180W); series HT36-156M-xxx (xxx=160W to 195W)
70016604	2015-03-24	Update report 2599929 to add new fire class rating "Type"
70021515	2015-03-05	Update report 2599929 to add new backsheet FPE350BW from lucky and new encapsulant F806P from First
70017062	2014-12-12	Update report 2599929 cover black backsheet VTPE1B from Taiflex and black frame
2726163	2014-09-08	Update report 2599929 to add new type of Mono 156/125 cells by "Shanghai Shenzhou New Energy Development Co., Ltd."
2599929	2013-08-12	Add new backsheet, cells, junction box based on UL report and a new factory. (Lianyungang Shenzhou New Energy Co.,Ltd.)