



Product Service

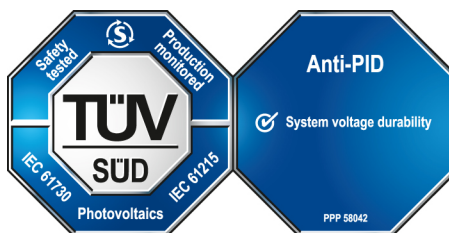
CERTIFICATE

No. Z2 086674 0014 Rev. 05

Holder of Certificate: **Shanghai Aerospace Automobile Electromechanical Co., Ltd.**

222 Caoxi Rd, the 8th Floor of Spaceflight Building
200235 Shanghai
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Mono-crystalline Silicon Photovoltaic module

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704062003503-05

Valid until: 2028-02-12

Date, 2023-02-14

(Zhulin Zhang)

CERTIFICATE

No. Z2 086674 0014 Rev. 05

Model(s):

PID Test Condition : $\pm 1500V$, 85°C, 85%, 96h
 HT72-156M-MC-xxx (xxx=350-415 in step of 5);
 HT60-156M-MC-xxx (xxx=295-345 in step of 5);
 HT72-156M-C-xxx (xxx=350-410 in step of 5);
 HT60-156M-C-xxx (xxx=290-340 in step of 5);
 HT72-166M-xxx (xxx=410-475 in step of 5);
 HT66-166M-xxx (xxx=380-435 in step of 5);
 HT60-166M-xxx (xxx=345-395 in step of 5);
 HT78-18X-xxx (xxx=560-610 in step of 5);
 HT72-18X-xxx (xxx=520-560 in step of 5);
 HT66-18X-xxx (xxx=475-515 in step of 5);
 HT60-18X-xxx (xxx=435-465 in step of 5);
 HT54-18X-xxx (xxx=390-420, in step of 5);
 HT36-18X-xxx (xxx=260-280, in step of 5);
 HT32-18X-xxx (xxx=230-250, in step of 5);
 HT30-18X-xxx (xxx=220-230, in step of 5);
 HT66-210-xxx (xxx=640-670 in step of 5);
 HT60-210-xxx (xxx=585-605 in step of 5);
 HT72-18X(N)-xxx (xxx=555-585, in step of 5);
 HT66-18X(N)-xxx (xxx=510-535, in step of 5);
 HT60-18X(N)-xxx (xxx=465-485, in step of 5);
 HT54-18X(N)-xxx (xxx=420-440, in step of 5);

PID Test Condition : $\pm 1500V$, 85°C, 85%, 288h
 HT72-166M-xxx (xxx=410-475 in step of 5);
 HT66-166M-xxx (xxx=380-435 in step of 5);
 HT60-166M-xxx (xxx=345-395 in step of 5).
 xxx is standing for rated output power at STC.

Parameters:

Safety Class:	Class II
Max. system voltage:	1500V DC
Construction:	Framed, with Junction box, cable and connector.
Fire Safety Class:	Class C according to UL790.
PID Test Condition:	$\pm 1500 V$, 96 Hours, 85 °C, 85 % RH $\pm 1500 V$, 288 Hours, 85 °C, 85 % RH
PID testing method is according to IEC TS 62804-1:2015	

Tested according to:

IEC 61215-1(ed.1)
 IEC 61215-1-1(ed.1)
 IEC 61215-2(ed.1)
 IEC 61730-1(ed.2)
 IEC 61730-2(ed.2)
 PPP 58042B:2015