



Product Service

CERTIFICATE

No. Z2 110727 0006 Rev. 00

Holder of Certificate: **SSWISS GROUP AG**

Baarerstrasse 25
6300 ZUG
SWITZERLAND

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, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 701262607501-00

Valid until: 2031-01-07

Date, 2026-04-28

(Zhulin Zhang)

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Model(s):

PH156TCA-PHANTOM-xxx (xxx=590-650, in steps of 5);
 PH144TCA-PHANTOM-xxx (xxx=545-600, in steps of 5);
 PH132TCA-PHANTOM-xxx (xxx=500-550, in steps of 5);
 PH120TCA-PHANTOM-xxx (xxx=455-500, in steps of 5);
 PH108TCA-PHANTOM-xxx (xxx=410-450, in steps of 5);
 PH66TCA-PHANTOMX-xxx (xxx=580-650, in steps of 5);
 PH54TCA-PHANTOM-xxx (xxx=470-530, in steps of 5);
 PH48TCA-PHANTOM-xxx (xxx=425-470, in steps of 5);
 PH66TCA-PHANTOM-xxx (xxx=670-730, in steps of 5);
 PH60TCA-PHANTOMX-xxx (xxx=605-660, in steps of 5).
 xxx is standing for rated output power at STC.

Parameters:

Safety Class:	Class II
Max. System Voltage:	1500V DC
Test Laboratory:	Changzhou HuaYang Inspection and Testing Technology Co., Ltd. B Area on 1/F., Building 12, C Area on 4/F., and A Area on 1/F., Building 10, No. 8, Lanxiang Road, West Taihu Science and Technology Industrial Park, Changzhou Jiangsu, China
Construction:	Framed, with Junction box, cable and connector.
Fire Safety Class:	Class A according to UL790

Tested according to:

IEC 61215-1:2021
 EN IEC 61215-1:2021/AC:2021
 IEC 61215-1-1:2021
 EN IEC 61215-1-1:2021
 IEC 61215-2:2021
 EN IEC 61215-2:2021
 IEC 61730-1:2023
 IEC 61730-2:2023