



Product Service

# CERTIFICATE

No. Z2 122510 0003 Rev. 00

**Holder of Certificate:** Yuma GmbH

Lichtstr. 25  
50825 Köln  
GERMANY

**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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 701262419801-00

**Valid until:** 2029-05-30

**Date,** 2024-07-02

( Zhulin Zhang )

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## Model(s):

YU-xxx-GG-156N (xxx=610-635, in steps of 5);  
YU-xxx-GG-144N (xxx=545-590, in steps of 5);  
YU-xxxB-GG (xxx=415-445, in steps of 5);  
YU-xxxS-GG-156N (xxx=610-635, in steps of 5);  
YU-xxxS-GG-144N (xxx=545-590, in steps of 5);  
YU-xxxS-GG-108N (xxx=415-445, in steps of 5);  
YU-xxx-GG-156N-R0 (xxx=610-645, in steps of 5);  
YU-xxx-GG-144N-R0 (xxx=570-595, in steps of 5);  
YU-xxx-GG-108N-R0 (xxx=420-450, in steps of 5);  
YU-xxxS-GG-156N-R0 (xxx=610-645, in steps of 5);  
YU-xxxS-GG-144N-R0 (xxx=570-595, in steps of 5);  
YU-xxxS-GG-108N-R0 (xxx=420-450, in steps of 5);  
YU-xxx-GG (xxx=480-515, in steps of 5);  
YU-xxx-GG-108N-R3 (xxx=430-460, in steps of 5);  
YU-xxxS-GG-120N-R3 (xxx=480-515, in steps of 5);  
YU-xxxS-GG-108N-R3 (xxx=430-460, in steps of 5);  
YU-xxx-GG-144N-R1 (xxx=595-625, in steps of 5);  
YU-xxx-GG-120N-R1 (xxx=495-525, in steps of 5);  
YU-xxx-GG-108N-R1 (xxx=445-470, in steps of 5);  
YU-xxxS-GG-144N-R1 (xxx=595-625, in steps of 5);  
YU-xxxS-GG-120N-R1 (xxx=495-525, in steps of 5);  
YU-xxxS-GG-108N-R1 (xxx=445-470, in steps of 5);  
YU-xxx-GG-132N-R2 (xxx=595-625, in steps of 5);  
YU-xxx-GG-120N-R2 (xxx=540-570, in steps of 5);  
YU-xxx-GG-108N-R2 (xxx=485-515, in steps of 5);  
YU-xxx-GG-96N-R2 (xxx=430-460, in steps of 5);  
YU-xxxS-GG-132N-R2 (xxx=595-625, in steps of 5);  
YU-xxxS-GG-120N-R2 (xxx=540-570, in steps of 5);  
YU-xxxS-GG-108N-R2 (xxx=485-515, in steps of 5);  
YU-xxxS-GG-96N-R2 (xxx=430-460, in steps of 5);  
YU-xxx-GG-132N (xxx=685-715, in steps of 5);  
YU-xxx-GG-120N (xxx=625-655, in steps of 5);  
YU-xxxS-GG-132N (xxx=685-715, in steps of 5);  
YU-xxxS-GG-120N (xxx=625-655, in steps of 5);  
YU-xxx-GG-156P (xxx=580-605, in steps of 5);  
YU-xxx-GG-144P (xxx=525-555, in steps of 5);  
YU-xxx-GG-108P (xxx=395-415, in steps of 5);  
YU-xxxS-GG-156P (xxx=580-605, in steps of 5);  
YU-xxxS-GG-144P (xxx=525-555, in steps of 5);  
YU-xxxS-GG-108P (xxx=395-415, in steps of 5);  
YU-xxx-GG-HT156N (xxx=610-635, in steps of 5);  
YU-xxx-GG-HT144N (xxx=545-590, in steps of 5);  
YU-xxx-GG-HT108N (xxx=415-445, in steps of 5);  
YU-xxxS-GG-HT156N (xxx=610-635, in steps of 5);  
YU-xxxS-GG-HT144N (xxx=545-590, in steps of 5);  
YU-xxxS-GG-HT108N (xxx=415-445, in steps of 5);  
YU-xxx-GG-HT156N-R0 (xxx=615-645, in steps of 5);  
YU-xxx-GG-HT144N-R0 (xxx=570-600, in steps of 5);  
YU-xxx-GG-HT108N-R0 (xxx=420-450, in steps of 5);  
YU-xxxS-GG-HT156N-R0 (xxx=615-645, in steps of 5);  
YU-xxxS-GG-HT144N-R0 (xxx=570-600, in steps of 5);  
YU-xxxS-GG-HT108N-R0 (xxx=420-450, in steps of 5);  
YU-xxx-GG-HT120N-R3 (xxx=480-510, in steps of 5);  
YU-xxx-GG-HT108N-R3 (xxx=430-460, in steps of 5);  
YU-xxxS-GG-HT120N-R3 (xxx=480-510, in steps of 5);  
YU-xxxS-GG-HT108N-R3 (xxx=430-460, in steps of 5);



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YU-xxx-GG-HT144N-R1 (xxx=595-625, in steps of 5);  
 YU-xxx-GG-HT120N-R1 (xxx=495-520, in steps of 5);  
 YU-xxx-GG-HT108N-R1 (xxx=445-470, in steps of 5);  
 YU-xxxS-GG-HT144N-R1 (xxx=595-625, in steps of 5);  
 YU-xxxS-GG-HT120N-R1 (xxx=495-520, in steps of 5);  
 YU-xxxS-GG-HT108N-R1 (xxx=445-470, in steps of 5);  
 YU-xxx-GG-HT132N-R2 (xxx=595-625, in steps of 5);  
 YU-xxx-GG-HT120N-R2 (xxx=540-570, in steps of 5);  
 YU-xxx-GG-HT108N-R2 (xxx=485-515, in steps of 5);  
 YU-xxx-GG-HT96N-R2 (xxx=430-455, in steps of 5);  
 YU-xxxS-GG-HT132N-R2 (xxx=595-625, in steps of 5);  
 YU-xxxS-GG-HT120N-R2 (xxx=540-570, in steps of 5);  
 YU-xxxS-GG-HT108N-R2 (xxx=485-515, in steps of 5);  
 YU-xxxS-GG-HT96N-R2 (xxx=430-455, in steps of 5);  
 YU-xxx-GG-HT156P (xxx=580-605, in steps of 5);  
 YU-xxx-GG-HT144P (xxx=525-555, in steps of 5);  
 YU-xxx-GG-HT108P (xxx=395-415, in steps of 5);  
 YU-xxxS-GG-HT156P (xxx=580-605, in steps of 5);  
 YU-xxxS-GG-HT144P (xxx=525-555, in steps of 5);  
 YU-xxxS-GG-HT108P (xxx=395-415, in steps of 5);  
 xxx is standing for rated output power at STC.

## Parameters:

Construction:	Framed, with Junction box, Cable and Connectors.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC
Fire Safety Class:	Class C according to UL 790
Test Laboratory:	Changzhou HuaYang Inspection and Testing Technology Co., Ltd. NO.8 Lanxiang Road, Wujin Economic Development Zone, Changzhou, Jiangsu, China

## Tested according to:

IEC 61215-1:2021  
 IEC 61215-1-1:2021  
 IEC 61215-2:2021  
 IEC 61730-1:2023  
 IEC 61730-2:2023