



Product Service

# CERTIFICATE

No. Z2 001639 0035 Rev. 07

**Holder of Certificate:** **SUNERGY USA WORKS LLC**  
1330 St. Mary's Street, Ste.330, Wake  
Raleigh NC 27605  
USA

**Certification Mark:**



**Product:** **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**  
**[Mono Crystalline Silicon Photovoltaic (PV) Module(s)]**

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

**Test report no.:** 64290203011309A

**Valid until:** 2028-05-16

**Date,** 2023-06-16

( Billy Qiu )

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## Model(s):

SUNxxx-72MD-H6S (xxx=420-455, in steps of 5);  
SUNxxx-66MD-H6S (xxx=395-415, in steps of 5);  
SUNxxx-60MD-H6S (xxx=350-380, in steps of 5);  
SUNxxx-78MD-HFS (xxx=430-445, in steps of 5);  
SUNxxx-72MD-HFS (xxx=400-415, in steps of 5);  
SUNxxx-60MD-HFS (xxx=330-345, in steps of 5).  
SUNxxx-72MD-H8S (xxx=525-560, in steps of 5);  
SUNxxx-66MD-H8S (xxx=480-515, in steps of 5);  
SUNxxx-60MD-H8S (xxx=440-465, in steps of 5);  
SUNxxx-54MD-H8S (xxx=390-420, in steps of 5);  
SUNxxx-72MD-H8NS (xxx=555-585, in steps of 5);  
SUNxxx-66MD-H8NS (xxx=510-535, in steps of 5);  
SUNxxx-60MD-H8NS (xxx=460-485, in steps of 5);  
SUNxxx-54MD-H8NS (xxx=415-440, in steps of 5).  
SUNxxx-66MD-H12S (xxx=640-675, in steps of 5);  
SUNxxx-60MD-H12S (xxx=580-615, in steps of 5);  
SUNxxx-54MD-H12S (xxx=520-550, in steps of 5);  
SUNxxx-66MD-H12JS (xxx=670-700, in steps of 5);  
SUNxxx-60MD-H12JS (xxx=610-635, in steps of 5);  
SUNxxx-54MD-H12JS (xxx=545-570, in steps of 5);  
xxx stands for rated output power at STC.

SUNxxx-xxMD-H6S, SUNxxx-xxMD-H8S, SUNxxx-xxMD-H8NS,  
SUNxxx-xxMD-H12S, SUNxxx-xxMD-HFS and  
SUNxxx-xxMD-H12JS series are bifacial modules. The "rated  
output power at STC" is generated only by front side.

## Parameters:

Safety class:	Class II
Max. system voltage:	1500 V d.c.
Fire safety class:	Class A according to UL 790
Construction:	Framed, with Junction box, Cable and Connectors

## Tested according to:

IEC 61215-1:2016  
EN 61215-1:2016  
IEC 61215-1-1:2016  
EN 61215-1-1:2016  
IEC 61215-2:2016  
EN 61215-2:2017  
IEC 61730-1:2016  
EN IEC 61730-1:2018  
IEC 61730-2:2016  
EN IEC 61730-2:2018