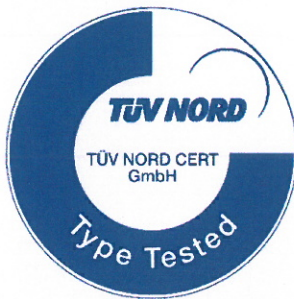


CERTIFICATE

Antai Technology Co., Ltd.

30F, W Square, 1801 Huandao East Road, Siming District,
Xiamen, China

is authorized to provide the product(s) mentioned below with the mark as illustrated:



Description of product(s) (details see Annex 2):

Fixed Metal Mounting Bracket for Photovoltaic (PV) Modules

It is certified by TÜV NORD CERT GmbH that the product(s) described above has(have) been assessed according to the certification program mentioned below and found in compliance with the requirements of below specified certification fundamental(s). This certification is based on evaluation results as documented in test report(s) referenced below and production site(s) audit results as documented in factory inspection report(s) referenced in Annex 1. This certificate is valid in conjunction with these quoted report(s).

Certification program: P33-VA-01 Rev. 02 / 04.20

Certification fundamental(s): P33.3-AA-01 Rev. 00

Remark: N/A

Registered no.: 44 780 21 406749 - 193

Manufacturer and factory(-ies): See Annex 1

Report no.: 492011803.001

File no.: PVP06027/21B

Valid from: 2021-10-08

Valid until: 2026-10-07



TÜV NORD CERT GmbH
Certification Body
Balance of System (BOS) for Photovoltaics



Essen, 2021-10-08

ANNEX

Annex 1, Page 1 of 1

to Certificate registration no. 44 780 21 406749 - 193

Manufacturer:

Antai Technology Co., Ltd.

30F, W Square, 1801 Huandao East Road, Siming District,
Xiamen, China

Factory(-ies):

Factory :

Antai Technology Co., Ltd.

Guanshan Industrial Park, Changtai County,
Zhangzhou, China

Factory inspection report no.: 862010568.001

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.

A handwritten signature in blue ink, appearing to read "Shawee Uler".

TÜV NORD CERT GmbH
Certification Body
Balance of System (BOS) for Photovoltaics

Essen, 2021-10-08

ANNEX

Annex 2, Page 1 of 1

to Certificate registration no. 44 780 21 406749 - 193

Description of product(s):

Model type(s):	Fixed Metal Mounting Bracket for Photovoltaic (PV) Modules
Main material:	Aluminum
Dimension:	See drawing
Profile coating thickness:	$\geq 10\mu\text{m}$
Coating material:	
Ambient temperature:	$-40^{\circ}\text{C} - 85^{\circ}\text{C}$
Equipment mobility:	Fixed
Connection to the mains:	Permanent connection
Environmental category:	Roof
Project location:	
Rated load:	Snow load: 0.8kN/m^2 , Wind load: 0.9kN/m^2
Altitude:	N/A
Grounding mode:	N/A

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.

A handwritten signature in blue ink, appearing to read "Ahmed Ullah".

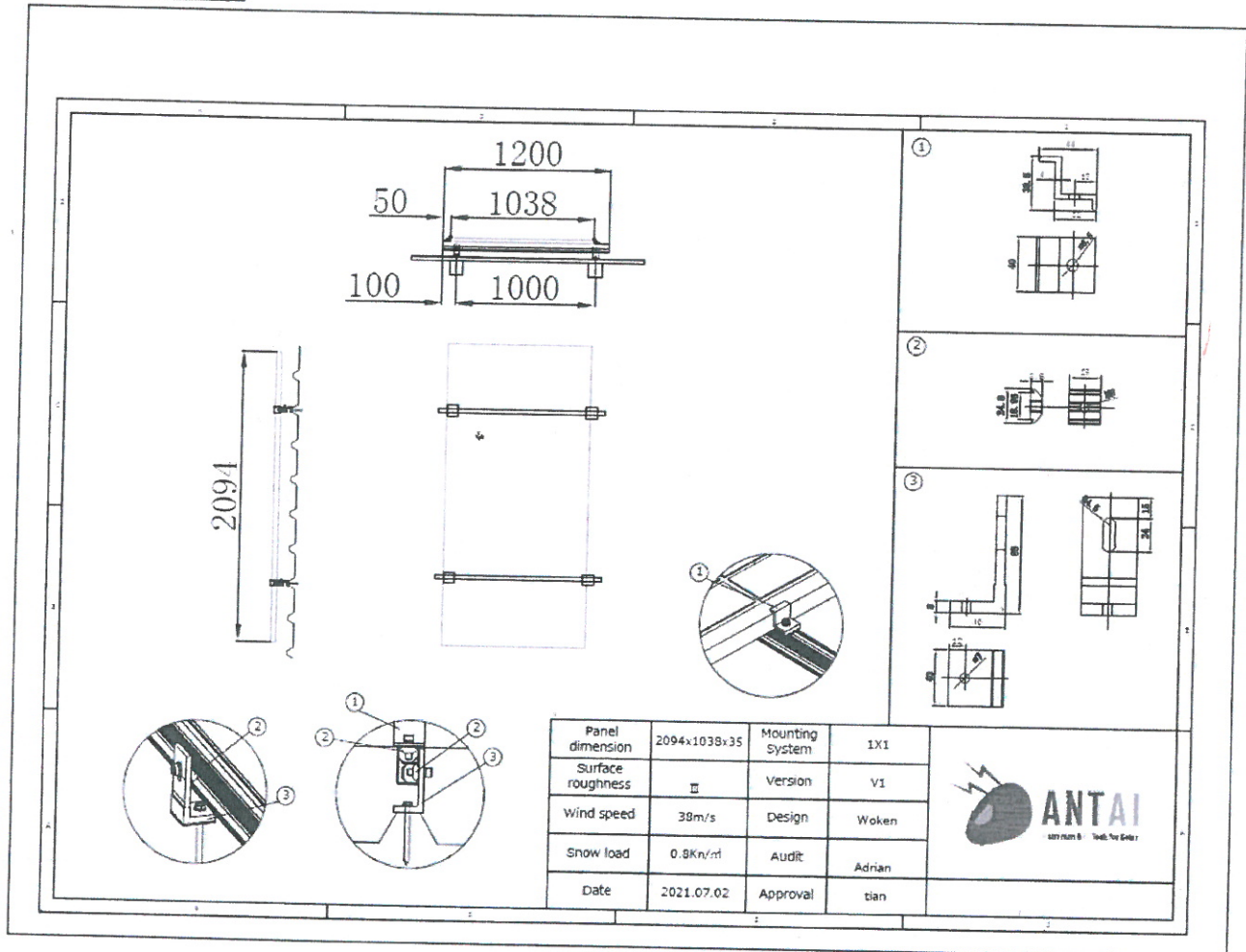
TÜV NORD CERT GmbH
Certification Body
Balance of System (BOS) for Photovoltaics

Essen, 2021-10-08


File No.: PVP06027/21B

Attached to Test Report No.: 492011803.001

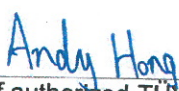
Copy of drawing:



Confirmation of the applicant
Xiamen, 09/10/2021 (Place and date)


(Applicant's legally authorized signature and stamp)

Confirmation of TÜV NORD CERT
Shanghai, 09/10/2021 (Place and date)


(Signature of authorized TÜV NORD CERT engineer)

File No.: PVP06027/21B

Attached to Test Report No.: 492011803.001


CDF (Constructional Data Form) for Electrical Products

Applicant.....	Antai Technology Co., Ltd. 30F, W Square, 1801 Huandao East Road, Siming District, Xiamen, China
Manufacturer.....	Antai Technology Co., Ltd. Guanshan Industrial Park, Changtai County, Zhangzhou, China
Product.....	Fixed metal mounting bracket for photovoltaic (PV) modules
Type designation(s)产品型号.....	Solar mounting system

Parameters:

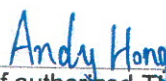
Name.....	Fixed Bracket used in PV system
Type 产品型号.....	Solar mounting system
Main material.....	Aluminum/Steel
Dimension.....	See drawing
Profile coating thickness 涂层厚度.....	≥10μm
Coating material 涂层材料.....	Anodized
Ambient temperature 环境温度.....	-40°C - 85°C
Equipment mobility.....	Fixed
Connection to the mains.....	Permanent connection
Environmental category.....	Roof
Project location 项目地.....	Global
Rated load.....	Snow load: 0.8kN/m ² , Wind load: 0.9kN/m ²
Altitude 海拔.....	N/A
Ground mode.....	N/A

Confirmation of the applicant
Xiamen, 09/10/2021 (Place and date)




(Applicant's legally authorized signature and stamp)

Confirmation of TÜV NORD CERT
Shanghai, 09/10/2021 (Place and date)

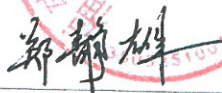


(Signature of authorized TÜV NORD CERT engineer)

Copy of marking plate:

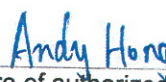
Antai Technology Co., Ltd.		
Type	Solar mounting system	
No.	Module type	Technical data
1	Rail	H50 W28.7 T1.4
2	L feet	L=40
3	Mid clamp	L=40
4	Side clamp	L=40
5	Tapping screws	ST6.3x80
6	Hexagon Socket Bolt	M8x25
7	Hexagon Socket Bolt	M8x30
8	T module	L=25
9	Rubber mat	40x40x2
Manufacturer	Antai Technology Co., Ltd.	
Address	30F, W Square, 1801 Huandao East Road, Siming District, Xiamen, China	

Confirmation of the applicant
Xiamen, 09/10/2021 (Place and date)



(Applicant's legally authorized signature and stamp)

Confirmation of TÜV NORD CERT
Shanghai, 09/10/2021 (Place and date)



(Signature of authorized TÜV NORD CERT engineer)

File No.: PVP06027/21B

Attached to Test Report No.: 492011803.001

List of critical materials and components:

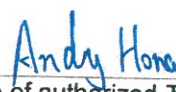
Object	Manufacturer	Type	Technical Data	Remark
Main components				
Rail	ANTAI TECHNOLOGY Co.,LTD	ATL-CG-010	H50W28.7T1.4 L=1200 AL-6005-T6	Tested with apparatus
L feet	ANTAI TECHNOLOGY Co.,LTD	ATL-FWNY-05	40X40X85 AL-6005-T6	Tested with apparatus
Side Clamp	ANTAI TECHNOLOGY Co.,LTD	ATL-TYN-89	40X44X38.5 AL-6005-T6	Tested with apparatus
Mid Clamp	ANTAI TECHNOLOGY Co.,LTD	ATL-GN-003	40x41.5X15 AL-6005-T6	Tested with apparatus
T Module	ANTAI TECHNOLOGY Co.,LTD	ATL-TYN-29	25X24.8X8.6 AL-6005-T6	Tested with apparatus
Accessories				
Tapping Screws	Tong Ming Enterprise Co.,Ltd.	ST6.3x80	SUS410	Tested with apparatus
Rubber Mat	Xiamen Deyuan Industry and Trade Co., Ltd	40x40x2	EPDM	Tested with apparatus
Hexagon Socket Bolt	Tong Ming Enterprise Co.,Ltd.	M8x30	SUS304	Tested with apparatus
Hexagon Socket Bolt	Tong Ming Enterprise Co.,Ltd.	M8x25	SUS304	Tested with apparatus
Flat Washer	Tong Ming Enterprise Co.,Ltd.	M8	SUS304	Tested with apparatus
Spring Washer	Tong Ming Enterprise Co.,Ltd.	M8	SUS304	Tested with apparatus
Remark: The Mounting Bracket is assembled by the main components with accessories, details see installation instruction..				

Confirmation of the applicant
Xiamen, 09/10/2021 (Place and date)



(Applicant's legally authorized signature and stamp)

Confirmation of TÜV NORD CERT
Shanghai, 09/10/2021 (Place and date)



(Signature of authorized TÜV NORD CERT engineer)