ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

UKAS PRODUCT CERTIFICATION 0172

TÜV SÜD BABT

Certificate of Factory Production Control

This certificate has been issued to

Jinneng Clean Energy Technology Ltd.

of

No.1 Wenshui Economic Development Zone
Lvliang City
Shanxi Province
032100
People's Republic of China

whose production management system has been assessed and found to comply with the Factory Production Control Requirements of the MCS Product Certification Scheme in respect of:

Production of Photovoltaic Solar Panels

at the address(s) listed on the Annex of this certificate

and includes the ranges of

Photovoltaic Solar Panels

as detailed on the attached annex to this certificate

Signed:

on behalf of TUV SUD BABT UNLIMITED

MCS CERTIFIED

Certificate Number: BABT 8858 R0

Valid from: 13 June 2023 This Certificate expires on: 12 June 2026

The holder of this certificate is authorised to use the MCS Approved Product Mark. This certificate has been issued in accordance with the Testing and Certification Regulations of TÜV SÜD. Conditions of validity of this certificate, if any, are listed in the Annex.
This certificate constitutes page 1 of the combined Certificate and Annex.

For further details related to this certification please contact BABT@tuvsud.com

1 Manufacturing Location

Facility 1
Jinneng Clean Energy Technology Ltd. No.1 Wenshui Economic Development Zone Lvliang City Shanxi Province 032100 People's Republic of China

2 Established Conformity

2.1 Product Certification Scheme Requirements

Microgeneration Certification Scheme	Revision	Applicability
MCS 005 – Solar Photovoltaic Modules	Issue 3.1	☒
MCS 010 – Factory Production Control Requirements	Issue 2.0	☒
MCS 012 – Pitched Roof Installation Kits	Issue N/A	☐
MCS 017 – Bespoke Building Integrated Photovoltaic Products	Issue N/A	☐

2.2 Assessment Report

Assessment Report Number	Issue Number	Issue Date
BABT 8858 R0	1	31-05-2023

3 Technical Documentation

3.1 User Guide

Crystalline Silicon PV Module Installation Guide	Modified	24/04/2023

3.2 Test Reports

88.216.19.250.01	Issued	19/03/2020
88.216.19.250.02	Issued	29/04/2020
88.216.19.250.02_a	Issued	10/06/2020
88.216.19.250.03	Issued	10/07/2020
88.216.20.106.01	Issued	10/07/2020
88.216.20.106.02	Issued	15/07/2021
88.216.20.106.02_a	Issued	25/08/2021
88.216.20.106.02_b	Issued	27/08/2021
88.216.20.106.02_c	Issued	01/11/2021
88.216.20.106.02_d	Issued	12/01/2022
88.216.20.106.02_e	Issued	16/02/2022
88.216.20.106.03	Issued	22/05/2022
88.216.20.106.04	Issued	24/01/2022
88.216.20.106.04_a	Issued	20/05/2022
88.216.20.106.04_b	Issued	15/03/2022

88.216.20.106.04_c	Issued	19/08/2022
88.216.20.106.04_d	Issued	08/10/2022
88.216.20.106.04_e	Issued	01/03/2023
88.216.20.106.04_f	Issued	12/12/2022
88.216.20.106.05	Issued	10/04/2023
88.216.20.106.05_a	Issued	12/04/2023

4 Products Within Scope of Certification

4.1 MCS 005: Solar Photovoltaic Modules

Product Type	Product Name Note 1	Power Range (W) Note 2	Certification Number
Monocrystalline	JNMM144-xxx	425 - 455	BABT8858-101
Monocrystalline	JNMM120-xxx	355 - 380	BABT8858-102
Monocrystalline	JNMM144-xxx	375 - 410	BABT8858-103
Monocrystalline	JNMM120-xxx	315 - 340	BABT8858-104
Monocrystalline	JNMM144-xxx	520 - 555	BABT8858-105
Monocrystalline	JNMM132-xxx	480 - 505	BABT8858-106
Monocrystalline	JNMM120-xxx	435 - 460	BABT8858-107
Monocrystalline	JNMM108-xxx	390 - 415	BABT8858-108
Monocrystalline	JNMM96-xxx	350 - 365	BABT8858-109
Monocrystalline	JNMM132-xxx	630 - 675	BABT8858-110
Monocrystalline	JNMM120-xxx	575 - 610	BABT8858-111

Note 1: where xxx = rated output power in Wp @ STC
Note 2: in steps of 5 W

5 Additional Information

All products within the scope of this certification shall be listed on the MCS Installations Database for the duration of this certificates validity. The database shall contain an entry for each individual power rating for the certified product, where the power rating shall be suffixed to the certificate number as listed on this certificate.

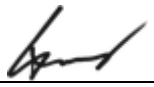
6 Conditions of Validity

This certificate authorizes the manufacturer or their authorized representative to apply the MCS Approved Product Mark to the range of products listed within this certification in accordance with the MCS Manufacturers / Distributors agreement dated **1st June 2023.**

This certificate ceases to be valid if the manufacturer makes any changes or modifications to the approved equipment or the approved quality system, which have not been notified to, and agreed with TUV SUD BABT UNLIMITED or a person appointed by TUV SUD BABT UNLIMITED to perform that role.

Annex to
Factory Production Control Requirement
Microgeneration Certification Scheme

The manufacturer must immediately cease affixing the MCS Approved Product Mark on any product subject to expiry, withdrawal or suspension of this certification.

Signature:  Date: 2023-06-13

Print Name: Stephen Milliken

On behalf of TUV SUD BABT UNLIMITED