

IEC**IECEE**

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TM

Ref. Certif. No.

JPTUV-132086

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Hybrid inverter
Name and address of the applicant	SMA Solar Technology AG Sonnentallee 1 34266 Niestetal, Deutschland
Name and address of the manufacturer	Sungrow Power Supply Co., Ltd. No.1699 Xiyou Rd., New & High Technology Industrial, Development Zone, Hefei, 230088 Anhui, P.R. China
Name and address of the factory	Sungrow Power Supply Co., Ltd. No.1699 Xiyou Rd., New & High Technology Industrial, Development Zone, Hefei, 230088 Anhui, P.R. China
Ratings and principal characteristics	See page 2
Trademark (if any)	SMA
Customer's Testing Facility (CTF) Stage used	N/A
Model / Type Ref.	STP10.0-3SE-40, STP8.0-3SE-40, STP6.0-3SE-40, STP5.0-3SE-40
Additional information (if necessary may also be reported on page 2)	Detail information refer to test report CN2161FZ 001
A sample of the product was tested and found to be in conformity with	IEC 62109-2:2011 IEC 62109-1:2010
As shown in the Test Report Ref. No. which forms part of this Certificate	CN2161FZ 001

This CB Test Certificate is issued by the National Certification Body



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Date: 2022-01-25

Signature:

Weichun Li

Type designation : STP5.0-3SE-40, STP6.0-3SE-40
 STP8.0-3SE-40, STP10.0-3SE-40

For PV Side : See below

Vmax PV [Vd.c.] : 1000

Isc PV [Ad.c.] : 20/20, 20/20, 20/20, 20/40

MPP Voltage Range[Vd.c.] : 150-800

Max. Input Current[Ad.c.] : 12.5/12.5, 12.5/12.5, 12.5/12.5, 12.5/25

Overvoltage Category (OVC) : II for PV

For Battery Side : See below

Battery voltage range[Vd.c.] : 150-600

Battery max. charge/discharge current[Vd.c.] : 30/30

Overvoltage Category(OVC) : II for Battery

Battery type : Li-Ion

For On-grid port : See below

Rated Output Voltage[Va.c.] : 3/N/PE, 220/230/240

Rated Output Frequency[Hz] : 50

Rated Output Power[W] : 5000, 6000, 8000, 10000

Max. Output Current[Aa.c.] : 7.6, 9.1, 12.1, 15.2

Power Factor : [-0.80, +0.80]

Overvoltage Category (OVC) : III for AC mains

For Back-up port : See below

Rated Output Voltage[Va.c.] : 3/N/PE, 220/230/240

Rated Output Power.[kW] : 5000, 6000, 8000, 10000

Rated Output Freq.[Hz] : 50

Protective Class : Class I

Ingress Protection (IP) : IP65

Pollution degree (PD) : PD3

Altitude [m] : 3000

Operating Temperature [°C] : -25 to 60 (> 45 derating)

Type of Inverter : Non-isolated



Date: 2022-01-25

Signature: Weichun Li

