

VERIFICATION OF COMPLIANCE

No.: SUEE2412000149PV

Applicant: Sungrow Power Supply Co., Ltd.
No.1699, Xiyou Road, New & High Technology Industrial
Development Zone, Hefei City, Anhui Province, P.R. China

Manufacturer: Sungrow Power Supply Co., Ltd.
No.1699, Xiyou Road, New & High Technology Industrial
Development Zone, Hefei City, Anhui Province, P.R. China

Product Name: Grid-Connected Hybrid Inverter

Product Description: Hybrid Inverter used with both PV and battery inputs

Model No.: SH15T, SH20T, SH25T

Trade Mark: **SUNGROW**

Rating: See page 2

Protection against Electric Shock: Class I

Additional Information (if any): AC, 3/N/PE; IP65

Sufficient samples of the product have been tested and found to be in conformity with
Test Standard: ENGINEERING RECOMMENDATION G99 ISSUE 1 -
AMENDMENT 9, 3 October 2022, REQUIREMENTS FOR THE
CONNECTION OF GENERATION EQUIPMENT IN
PARALLEL WITH PUBLIC DISTRIBUTION NETWORKS ON
OR AFTER 27 APRIL 2019

as shown in the

Test Report Number(s): SUEE241200014951

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.

Michael Tong 
Technical Manager
SGS-CSTC



2025-03-17

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Other information added:

Rating:

Models	SH15T	SH20T	SH25T
Input (DC)			
Max. PV Input Voltage (V)	1000		
Min. PV Input Voltage (V)	150		
Start-up Input Voltage (V)	180		
Rated PV input voltage (V)	600		
MPPT Operating Voltage Range (V)	150-950		
Max. PV Input Current (A)	80 (32 / 32 / 16)		
No. of PV Strings per MPPT	2 / 2 / 1		
Battery Data			
Battery Type	Li-ion battery		
Battery Voltage Range (V)	100-700		
Max. Charge / Discharge Current (A)	50 / 50		
Max. Charge / Discharge Power (W)	30000 / 15000	30000 / 20000	30000 / 25000
Output (AC)			
Rated Power (W)	15000	20000	25000
Max. Apparent Power (VA)	15000	20000	25000
Rated Voltage (V)	3/N/PE, 220/380, 230/400, 240/415		
Rated AC Frequency (Hz)	50/60		
Max. Current (A)	22.8	30.4	37.9
Power Factor	> 0.99 / 0.8 leading to 0.8 lagging		
General Data			
Topology	Transformerless		
Operating Ambient Temperature Range	-25 °C ~ +60 °C		
Max. Operation Altitude	2000 m		
Ingress Protection	IP65		
Protective Class	Class I		
Cooling Method	Natural convection		Fan cooling

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 Technical Manager
 SGS-CSTC




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