

VERIFICATION OF COMPLIANCE

No.: GZES306010330PV


Applicant: Global Tech China Ltd.
Unit 702-704, 7/F., Texwood Plaza, 6 How Ming Street, Kwun Tong,
Kln., Hong Kong, China

Manufacturer: Global Tech China Ltd.
Unit 702-704, 7/F., Texwood Plaza, 6 How Ming Street, Kwun Tong,
Kln., Hong Kong, China

Product Name: Hybrid Inverter

Product Description: Hybrid Inverter used in PV system

Model No.: SM3.6kWPL, SM2.5kWPL, SM3.6kWLS, SM2.5kWLS,
SM3.6kWLL, SM2.5kWLL, LIFE3.6HYB02, LIFE2.5HYB02

Trade Mark: 

Rating: Refer to page 2

Intended Use: PV System

Protection against Electric Shock: Class I

Additional Information (if any): IP 20
Serial Number: 0723230012
Master Software version: VER1.5(LCD MCU & DSP),
VER1.0(Slave MCU)

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: IEC 62109-1:2010
IEC 62109-2:2011

as shown in the

Test Report Number(s): GZES230601033001, GZES230601033002

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.


David Guo
Senior Technical Manager
SGS-CSTC



2023-06-07

No.:

GZES2306010330PV

Other information added :
Ratings

Model	SM3.6kWPL, SM3.6kWLS, SM3.6kWLL, LIFE3.6HYB02,	SM2.5kWPL, SM2.5kWLS, SM2.5kWLL, LIFE2.5HYB02
PV Input data		
Max. PV Input Voltage	500V	
Max. PV current	12 d.c.A	12 d.c.A
Max. PV Isc	12.7 d.c.A	12.7 d.c.A
AC output/Input data		
Nominal input / output power	3600W	2500W
Max. apparent power	3960VA	2500VA
Nominal voltage	230 a.c.V	
Max. input/output current	16 a.c.A	11 a.c.A
Nominal Frequency	50 Hz	
Power Factor range	0.8 Leading ~ 0.8 Lagging	
Stand alone data		
Nominal output power	3600W	2500W
Nominal AC output voltage	230 a.c.V	
Nominal AC Frequency	50Hz	
Battery data		
Battery voltage range	40 – 58 d.c.V	
Max. charging and discharging current	60/80 d.c.A	42/56 d.c.A
Type of battery	LiFePO4	
Ingress Protection	IP20	
Protective Class	Class I	
Operating temperature range	-25°C - +60°C (>45°C derating)	
FW Version	VER1.5(LCD MCU & DSP), VER1.0(Slave MCU)	



David Guo
Senior Technical Manager
SGS-CSTC



2023-06-07

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