

## VERIFICATION OF COMPLIANCE

No.: LVD GZES2211020743PV

Applicant: Shenzhen Tentek New Energy Technology Co., Ltd.  
8th Floor, B-A1, New Era Gongrong Industrial Zone, #2 Shihuan Rd, Shiyuan Town, Shenzhen, China

Manufacturer: Shenzhen Tentek New Energy Technology Co., Ltd.  
8th Floor, B-A1, New Era Gongrong Industrial Zone, #2 Shihuan Rd, Shiyuan Town, Shenzhen, China

Product Name: Microinverter

Product Description: Microinverter used in PV system

Model No.: Tiger-400W1E1P, Tiger-500W1E1P, Tiger-600W1E1P,  
Tiger-600W2E1P, Tiger-800W2E1P, Tiger-1KW2E1P  
Tiger-1.2KW2E1P

Trade Mark:

Rating: Refer to page 2

Intended Use: PV System

Protection against Electric Shock: Class I

Additional Information (if any): IP 65  
Serial Number: TJ0223B01B0071  
Hardware version: TJ V1.01  
Software version: TJ V1.04

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

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

as shown in the

Test Report Number(s): GZES221102074301, GZES221102074302

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 harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.

David Guo  
Senior Technical Manager  
SGS-CSTC



2023-05-26

This verification is issued by the company under its General Conditions of Services accessible at <https://www.sgs.com/en/terms-and-conditions>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this verification. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Member of SGS Group (Société Générale de Surveillance)

Other information added :  
Ratings

Model or Type designation		Tiger-600W2E1P	Tiger-800W2E1P	Tiger-1KW2E1P	Tiger-1.2KW2E1P
PV input	VMAX PV [Vd.c.]	60			
	MPPT Voltage Range [Vd.c.]	25~50			
	Max. PV Input Current [Ad.c.]	30			
	Max.DC Short-circuit current [Ad.c.]	35			
	Overvoltage Category (OVC)	II			
AC output	Rated Output Voltage [Va.c.]	220V/230V			
	Rated Output Frequency [Hz]	50/60			
	Rated Output Power [W]	600	800	1000	1200
	Max Output Apparent Power [VA]	600	800	1000	1200
	Max. Output Current [Aa.c.]	2.6	3.5	4.3	5.2
	Power Factor cosφ [λ]	1 default (adjustable +/-0.8)			
	Overvoltage Category (OVC)	III			
System	Type of inverter	Isolated			
	Separated by	Transformer			
	Protective Class	Class I			
	Enclosure Protection (IP)	IP67			
	Operating Temperature Range [°C]	-40 to 65			
	Pollution degree (PD)	PD 2 (inside) PD 3 (outside)			
	Weight [kg]	4.2			
	Size (W x H x D) [mm]	218*245*42			
Model or Type designation		Tiger-400W1E1P	Tiger-500W1E1P	Tiger-600W1E1P	
PV input	VMAX PV [Vd.c.]	60			
	MPPT Voltage Range [Vd.c.]	25~50			
	Max. PV Input Current [Ad.c.]	30			
	Max.DC Short-circuit current [Ad.c.]	35			
	Overvoltage Category (OVC)	II			
AC output	Rated Output Voltage [Va.c.]	220V/230V			
	Rated Output Frequency [Hz]	50/60			
	Rated Output Power [W]	400	500	600	
	Max Output Apparent Power [VA]	400	500	600	
	Max. Output Current [Aa.c.]	1.7	2.2	2.6	
	Power Factor cosφ [λ]	1 default (adjustable +/-0.8)			
	Overvoltage Category (OVC)	III			
System	Type of inverter	Isolated			
	Separated by	Transformer			
	Protective Class	Class I			
	Enclosure Protection (IP)	IP67			
	Operating Temperature Range [°C]	-40 to 65			
	Pollution degree (PD)	PD 2 (inside) PD 3 (outside)			
	Weight [kg]	2.8			
	Size (W x H x D) [mm]	195*177*42			

David Guo  
Senior Technical Manager  
SGS-CSTC



2023-05-26

This verification is issued by the company under its General Conditions of Services accessible at <https://www.sgs.com/en/terms-and-conditions>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this verification. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Member of SGS Group (Société Générale de Surveillance)