

## VERIFICATION OF COMPLIANCE

No.: LVD GZES2304007785PV


Applicant: Wuxi Sunket New Energy Technology Co., Ltd  
No.888, Delin Industrial Park, Xishan District, Wuxi, Jiangsu, China

Manufacturer: Wuxi Sunket New Energy Technology Co., Ltd  
No.888, Delin Industrial Park, Xishan District, Wuxi, Jiangsu, China

Product Name: Three Phase Hybrid Inverter

Product Description: Inverter used in PV system

Model No.: SKT4KTL3H, SKT5KTL3H, SKT6KTL3H, SKT8KTL3H,  
SKT10KTL3H, SKT12KTL3H

Trade Mark: 

Rating: Refer to page 2

Protection against Electric Shock: Class I

Additional Information: IP 65  
Hardware version: V1.0.2  
Software version: CPU1 DSP V1.0.3  
CPU2 ARM V1.0.2

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  
EN 62477-1:2012+A1:2017

as shown in the  
Test Report Number(s): GZES230400778501, GZES230400778502, GZES230400778503

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



2023-05-23

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Other information added:

Rating:

Model Number	SKT4KTL3H	SKT5KTL3H	SKT6KTL3H	SKT8KTL3H	SKT10KTL3H	SKT12KTL3H
<b>Input (PV)</b>						
Max. input power	5500W	6500W	7500W	9500W	11500W	13200W
Max. input voltage	1000Vdc					
MPPT voltage range	200-850Vdc					
Max. input current	13A/13A					
Number of MPP trackers	2					
Number of input string	1					
<b>Input (Battery)</b>						
Battery Type	Li-Ion					
Battery voltage rang	180-650Vdc					
Max charge / discharge current	25A/25A					
Charge strategy for Li-Ion Battery	Self-adaption to BMS					
<b>Output (On-Grid)</b>						
AC nominal power	4000VA	5000VA	6000VA	8000VA	10000VA	12000VA
Max AC apparent power	5000VA	5500VA	7000VA	8800VA	11000VA	13200VA
Max output current	8A	10A	12A	15A	17A	20A
Nominal output Voltage	400/380Vac					
Nominal output Frequency	50/60 Hz					
Power factor	0.8leading~0.8laging					
<b>Output (Back-up)</b>						
Max AC apparent power	4000VA	5000VA	6000VA	8000VA	10000VA	12000VA
Nominal output Voltage	400/380Vac					
Nominal output Frequency	50/60 Hz					
Grid type	3W/N/PE					
Ambient temperature	-25 °C ~60 °C					
Ingress protection	IP65					
Protective class	Class I					

David Guo

Senior Technical Manager

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