

## VERIFICATION OF COMPLIANCE

No.: GZES2301001259PV


Applicant: Zhejiang CHISAGE New Energy Technology Co., Ltd  
No. 1828 Fuqing South RD. Panhuo ST. Yinzhou District Ningbo  
Zhejiang 315000 China

Manufacturer: Zhejiang CHISAGE New Energy Technology Co., Ltd  
No. 1828 Fuqing South RD. Panhuo ST. Yinzhou District Ningbo  
Zhejiang 315000 China

Product Name: Single phase inverter

Product Description: Inverter used in PV system

Model No.: CE-1P3001G-230-EU, CE-1P5001G-230-EU, CE-1P6001G-230-EU,  
CE-1P8001G-230-EU, CE-1P10001G-230-EU, CE-1P13001G-230-EU,  
CE-1P16001G-230-EU, CE-1P18001G-230-EU, CE-1P20001G-230-EU

Trade Mark:   
CHISAGE

Rating: Refer to page 2 and 3

Protection against Electric Shock: Class I

Degree of Protection: IP 67

Additional Information: Hardware version: Ver2.3  
DC Software version: Ver0107, AC Software version: Ver2.5

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): GZES210602035101, GZES210602035102

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



2023-02-07

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Other information added :

Rating:

| Model Number         | CE-1P3001G<br>-230-EU | CE-1P5001G<br>-230-EU | CE-1P6001G<br>-230-EU | CE-1P8001G<br>-230-EU | CE-1P10001G<br>-230-EU |
|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|
| <b>Input (DC)</b>    |                       |                       |                       |                       |                        |
| Max. input power     | 400W                  | 600W                  | 800W                  | 1200W                 | 1200W                  |
| Max. input voltage   | 60V                   |                       |                       |                       |                        |
| MPPT voltage range   | 25~55V                |                       |                       |                       |                        |
| Max. input current   | 13A                   | 13A                   | 13A×2                 | 13A×2                 | 13A×2                  |
| <b>Output (AC)</b>   |                       |                       |                       |                       |                        |
| Rated grid voltage   | 230V                  |                       |                       |                       |                        |
| Rated grid frequency | 50Hz                  |                       |                       |                       |                        |
| Rated output power   | 300W                  | 500W                  | 600W                  | 800W                  | 1000W                  |
| Rated output current | 1.3A                  | 2.2A                  | 2.6A                  | 3.8A                  | 4.8A                   |
| Power factor         | >0.99                 |                       |                       |                       |                        |
| Ambient temperature  | -40 °C ~ 65 °C        |                       |                       |                       |                        |
| Ingress protection   | IP67                  |                       |                       |                       |                        |
| Protective class     | Class I               |                       |                       |                       |                        |



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No.:

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| Model Number         | CE-1P13001G<br>-230-EU | CE-1P16001G<br>-230-EU | CE-1P18001G<br>-230-EU | CE-1P20001G<br>-230-EU |
|----------------------|------------------------|------------------------|------------------------|------------------------|
| Input (DC)           |                        |                        |                        |                        |
| Max. input power     | 1600W                  | 2400W                  | 2400W                  | 2400W                  |
| Max. input voltage   | 60V                    |                        |                        |                        |
| MPPT voltage range   | 25~55V                 |                        |                        |                        |
| Max. input current   | 13A×4                  | 13A×4                  | 13A×4                  | 13A×4                  |
| Output (AC)          |                        |                        |                        |                        |
| Rated grid voltage   | 230V                   |                        |                        |                        |
| Rated grid frequency | 50Hz                   |                        |                        |                        |
| Rated output power   | 1300W                  | 1600W                  | 1800W                  | 2000W                  |
| Rated output current | 6.2A                   | 7.7A                   | 8.6A                   | 9.6A                   |
| Power factor         | >0.99                  |                        |                        |                        |
| Ambient temperature  | -40 °C ~65 °C          |                        |                        |                        |
| Ingress protection   | IP67                   |                        |                        |                        |
| Protective class     | Class I                |                        |                        |                        |



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