



GINLONG

No. 57 Jintong Road,
 Binhai (Sea front) Industrial Park,
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CERTIFICATION OF CONFORMITY

Manufacturer: Ginlong Technologies Co., Ltd.

Address: No.57 jintong Road,Seafront(Binhai)Industrial park,Xiangshan Demonstration Industrial Estate,Xiangshan,Ningbo,Zhejiang,315712,P.R.China

Model: S6-EH3P3K-H-EU, S6-EH3P4K-H-EU,
 S6-EH3P5K-H-EU, S6-EH3P6K-H-EU,
 S6-EH3P8K-H-EU, S6-EH3P10K-H-EU

Certificate Number: ERD-COC202206001

Applied rules and standards:

The result according to EIFS 2018:2 and EN 50549-1.

A type A production facility refers to a generator in the range from 0.8 kW to 1500 kW.

1. The setting value and trip test value of Relay protection function are shown in the following table:

Relay protection function	Setting		Trip test	
	Value	Time delay	Value	Time delay
O/V stage1	253V	60s	253.4V	60.18s
O/V stage2	264.5V	0.2s	264.4V	0.224s
U/V	195.5V	0.2s	194.5V	0.228s
O/F stage 1	51.5Hz	0.5s	51.52Hz	0.532s
O/F stage 2	52Hz	0.1s	52.02Hz	0.130s
U/F stage 1	47.5Hz	0.5s	47.49Hz	0.528s
U/F stage 2	47Hz	0.1s	47.01Hz	0.146s

2. The test values of Power quality are shown in the following table:

Power quality		Limit value	Test value	
Flicker values max 16 A	Pst	1.0	0.195	Flicker calculated according to EN 61000-3-3
	Plt	0.65	0.193	
Flicker values >16 A	Pst	1.0	NA	Flicker calculated according to EN 61000-3-11
	Plt	0.65	NA	



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3. The answers to the requirements in standard EIFS 2018: 2 are shown in the table below:

Question	Answer	Reference
	Yes/No	
Can the inverter remain connected within the following frequency band?	Yes	EIFS 2018:2 3 Ch. §1
At least 30 minutes within frequency range 47.5 – 48.5 Hz?	Yes	
At least 30 minutes within frequency range 48.5 – 49.0 Hz?	Yes	
Unlimited time within frequency range 49.0 – 51.0 Hz?	Yes	
At least 30 minutes within frequency range 51.0 – 51.5 Hz?	Yes	
Does the inverter meet the requirement to remain connected to the grid and operate at frequency changes up to 2,0 Hz/s? ^[1]	Yes	EIFS 2018:2 3 Ch. §2
Can the inverter reduce its active output power when the frequency exceeds 50.5 Hz?	Yes	EIFS 2018:2 3 Ch. §3
Does the inverter meet the requirements of a droop setting ^[2] of 8%?	Yes	EIFS 2018:2 3Ch. §4
Is the active output power from the inverter reduced by a maximum of 3% per Hz at a frequency lower the 49.0 Hz?	Yes	EIFS 2018:2 3 Ch. §7
Automatic reconnection of the inverter is only done within the frequency range 47,5 – 50,1 Hz	Yes	EIFS 2018:2 3Ch. §8
If yes, confirm that connection only occurs when the grid frequency has been within this range connected for at least 3 minutes?	Yes	EIFS 2018:2 3Ch. §8
Does the inverter meet requirements for increasing the output of active power during automatic connection according to: <ul style="list-style-type: none"> · <49.9 Hz - Rate of increase of active power output not limited · 49.9–50.1 Hz - Rate of increase of active power output is a maximum of 10 percent of the nominal output per minute · > 50.1 Hz - Increase in output of active power does not occur 	Yes	EIFS 2018:2 3Ch. §9
	Value	
Specify the minimum regulating level (in kW) that the system can be regulated down to at overfrequency	0.078	EIFS 2018:2 3 Ch. §5



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[1] The value of the rate of change of frequency shall be measured in the connection point and be calculated over a time period of 0,5 s

[2] The droop setting is the ratio of a steady-state change of frequency to the resulting steady-state change in active power output, expressed in percentage terms. The change in frequency is expressed as a ratio to nominal frequency. The change in active power expressed as a ratio to the maximum continuous capacity (according to EIFS 2018:2 6 §).

Manufacture Stamp

锦浪科技股份有限公司
GINLONG TECHNOLOGIES CO.,LTD.

Date and place

Ningbo
2022-06-08