



Product Service

# Compliance Document

No. D 086470 0212 Rev. 00

**Holder of Certificate:** **Ginlong Technologies Co., Ltd.**  
No.57 Jintong Road  
Binhai Industrial Park, Xiangshan  
315712 Ningbo, Zhejiang  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Converter**  
**Hybrid Inverter**

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**Test report no.:** 704092403765-00

**Date,** 2024-08-30

( Zhengdong Ma )



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**Model(s):** S6-EH3P8K-LV-H, S6-EH3P10K-LV-H,  
S6-EH3P12K-LV-H, S6-EH3P12K-H,  
S6-EH3P15K-H, S6-EH3P20K-H

## Parameters:

Model	S6-EH3P8K-LV-H	S6-EH3P10K-LV-H	S6-EH3P12K-LV-H
a).PV inputs:			
Max. input voltage	DC 1000 V		
MPP voltage range	DC 200, ..., 850 V		
Max. input current	DC 4x16 A	DC 4x16 A	DC 4x20 A
Isc PV (absolute maximum)	DC 4x24 A	DC 4x24 A	DC 4x30 A
b).Battery			
Battery type	Li-ion		
Battery voltage range	DC 120, ..., 800 V		
Max. charge/discharge current	DC 50/50 A	DC 50/50 A	DC 50/50 A
c).AC-output (Grid side)			
Rated output voltage	3/N/PE AC 133/230 V		
Rated output frequency	50/60 Hz		
Max./Rated output current	AC 20.1 A	AC 25.1 A	AC 30.1 A
Max./Rated apparent output power	8000 VA	10000 VA	12000 VA
Displacement factor:	-0.8, ..., 1, ..., +0.8		
d).AC-output (Back-up)			
Rated output voltage	3/N/PE AC 133/230 V		
Rated output frequency	50/60 Hz		
Rated output current	AC 20.1 A	AC 25.1 A	AC 30.1 A
Max. /Rated output power	8000 W	10000 W	12000 W
Displacement factor:	-0.8, ..., 1, ..., +0.8		
e).AC-Input			
Rated output voltage	3/N/PE AC 133/230 V		
Rated output frequency	50/60 Hz		
Max.(Rated) input current	AC 30.1 A	AC 37.7 A	AC 45.2 A



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Model	S6-EH3P12K-H	S6-EH3P15K-H	S6-EH3P20K-H
a).PV inputs:			
Max. input voltage	DC 1000 V		
MPP voltage range	DC 200, ..., 850 V		
Max. input current	DC 4x20 A	DC 4x20 A	DC 4x20 A
Isc PV (absolute maximum)	DC 4x30 A	DC 4x30 A	DC 4x30 A
b).Battery			
Battery type	Li-ion		
Battery voltage range	DC 120, ..., 800 V		
Max. charge/discharge current	DC 50/50 A	DC 50/50 A	DC 50/50 A
c).AC-output (Grid side)			
Rated output voltage	3/N/PE AC 230/400 V		
Rated output frequency	50/60 Hz		
Max. /Rated output current	AC 17.3 A	AC 21.7 A	AC 28.9 A
Max. /Rated apparent output power	12000 VA	15000 VA	20000 VA
Displacement factor:	-0.8, ..., 1, ..., +0.8		
d).AC-output (Back-up)			
Rated output voltage	3/N/PE AC 230/400 V		
Rated output frequency	50/60 Hz		
Max. /Rated output current	AC 17.3 A	AC 21.7 A	AC 28.9 A
Max. /Rated output power	12000 W	15000 W	20000 W
Displacement factor:	-0.8, ..., 1, ..., +0.8		
e).AC-Input			
Rated output voltage	3/N/PE AC 230/400 V		
Rated output frequency	50/60 Hz		
Max.(Rated) input current	AC 26 A	AC 32.5 A	AC 43.3 A

**Tested according to:**

IEC 61727:2004  
IEC 62116:2014