



Product Service

# Compliance Document

No. D 086470 0265 Rev. 00

**Holder of Attestation:** **Ginlong Technologies Co., Ltd.**

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PEOPLE'S REPUBLIC OF CHINA

**Product:** **Converter  
Hybrid Inverter****Model(s):** S6-EH3P60K10-LV-YD-H, S6-EH3P60K10-LV-ND-H,  
S6-EH3P75K10-LV-YD-H, S6-EH3P75K10-LV-ND-H,  
S6-EH3P80K10-NV-YD-H, S6-EH3P80K10-NV-ND-H,  
S6-EH3P99.9K10-NV-YD-H, S6-EH3P99.9K10-NV-ND-H,  
S6-EH3P100K10-NV-YD-H, S6-EH3P100K10-NV-ND-H,  
S6-EH3P125K10-NV-YD-H, S6-EH3P125K10-NV-ND-H.**Parameters:** See next pages.**Tested according to:** IEC 61727:2004  
IEC 62116:2014

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the particular sample. This compliance document makes no statement regarding the quality or safety of the serial products. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092514263-00**Date,** 2025-09-29

( Zhengdong Ma )



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Model	S6-EH3P60K10-LV-ND-H	S6-EH3P60K10-LV-YD-H	S6-EH3P75K10-LV-ND-H	S6-EH3P75K10-LV-YD-H
PV input parameters:				
Max. input voltage	DC 1000 V			
MPPT voltage range	DC150, ..., 950 V			
Max. input current	DC 10x42 A			
Isc PV (absolute maximum)	DC 10x60 A			
Battery parameters:				
Battery Type:	Li-ion			
Battery Voltage Range:	DC 300, ..., 950 V			
Max. Charge Current:	100A*2			
Max. Discharge Current:	100A*2			
AC-Output (Grid Side) parameters:				
Nominal output voltage:	3/(N)/PE, 220V 3/(N)/PE, 230V			
Nominal output frequency:	50/60 Hz			
Max. (Rated) output power a.c. :	60000 VA	71700 VA@220 V 75000 VA@230 V		
Max. (Rated) output current a.c. :	157.5 A@220 V 150.6 A@230 V	188.2 A		
Power factor range:	-0.8, ..., 1, ..., +0.8			



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Model	S6-EH3P80K10-NV-ND-H	S6-EH3P80K10-NV-YD-H	S6-EH3P99.9K10-NV-ND-H	S6-EH3P99.9K10-NV-YD-H
PV input parameters:				
Max. input voltage	DC 1000 V			
MPPT voltage range	DC150, ..., 950 V			
Max. input current	DC 10x42 A			
Isc PV (absolute maximum)	DC 10x60 A			
Battery parameters:				
Battery Type:	Li-ion			
Battery Voltage Range:	DC 300, ..., 950 V			
Max. Charge Current:	100A*2			
Max. Discharge Current:	100A*2			
AC-Output (Grid Side) parameters:				
Nominal output voltage:	3/N/PE,220 V 3/N/PE,230 V			
Nominal output frequency:	50/60 Hz			
Max. (Rated) output power a.c. :	80000 VA		99900 VA	
Max. (Rated) output current a.c. :	121.6 A@220 V 115.5 A@230 V		151.8 A@220 V 144.2 A@230 V	
Power factor range:	-0.8, ..., 1, ..., +0.8			



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Model	S6-EH3P100K10-NV-ND-H	S6-EH3P100K10-NV-YD-H	S6-EH3P125K10-NV-ND-H	S6-EH3P125K10-NV-YD-H
PV input parameters:				
Max. input voltage	DC 1000 V			
MPPT voltage range	DC150, ..., 950 V			
Max. input current	DC 10x42 A			
Isc PV (absolute maximum)	DC 10x60 A			
Battery parameters:				
Battery Type:	Li-ion			
Battery Voltage Range:	DC 300, ..., 950 V			
Max. Charge Current:	100A*2			
Max. Discharge Current:	100A*2			
AC-Output (Grid Side) parameters:				
Nominal output voltage:	3/N/PE,220 V 3/N/PE,230 V			
Nominal output frequency:	50/60 Hz			
Max. (Rated) output power a.c. :	100000 VA		125000 VA	
Max. (Rated) output current a.c. :	151.9 A@220 V 144.3 A@230 V		189.9 A@220 V 180.4 A@230 V	
Power factor range:	-0.8, ..., 1, ..., +0.8			