

Compliance Document

No. D 105515 0059 Rev. 00

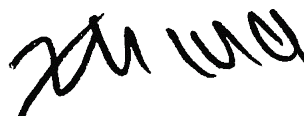
Holder of Certificate: **Suzhou Hypontech Co., Ltd.**
No.1508 Xiangjiang Road,
SND,
215010 Suzhou
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
Hybrid Inverter,
AC-Coupled Inverter

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092222010-00

Date, 2022-06-02



(Zhengdong Ma)



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Model(s): Hybrid Inverter type:
 HHS-3000, HHS-3680, HHS-5000, HHS-6000
 AC-Coupled Inverter type:
 HBS-3000, HBS-3680, HBS-5000, HBS-6000

Parameters:

Hybrid Inverter				
Model Name	HHS-3000	HHS-3680	HHS-5000	HHS-6000
PV Input parameters:				
Max. input voltage	600 Vd.c.			
MPP voltage range	80-520 Vd.c.			
Max. input current	2*13 Ad.c.			
Isc PV (absolute maximum)	2*20 Ad.c.			
b) Battery input parameters:				
Battery voltage type	Li-Ion			
Battery voltage range	80-480 Vd.c.			
Max. charge/discharge current	25/25 Ad.c.			

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c) AC-output (grid side) parameters:				
Rated output voltage	230 Va.c.			
Rated output frequency	50Hz			
Max. continuous current to grid	15 Aa.c.	16 Aa.c.	23 Aa.c.	27.3 Aa.c.
Rated active power to grid	3000W	3680W	5000W	6000W
Max./Rated apparent power to grid	3300VA	3680VA	5500VA	6600VA
Adjustable cos(φ):	0.8ind...1...0.8cap			
d) AC-input parameters:				
Rated input voltage	230 Va.c.			
Rated input frequency	50Hz			
Max. continuous current from grid	30 Aa.c.	32 Aa.c.	36 Aa.c.	40 Aa.c.
Rated active power from grid	6000W	7000W	8000W	9000W
Max./Rated apparent power from grid	6600VA	7360VA	8500VA	10000VA
e) AC-output(Back-up) parameters:				
Back-up nominal voltage	230 Va.c.			
Back-up nominal output frequency	50Hz			
Back-up max.current	15 Aa.c.	16 Aa.c.	23 Aa.c.	27.3 Aa.c.
Back-up max.apparent power	3300VA	3680 VA	5000 VA	6000 VA
Others:				
Operating temperature range:	-25°C ...+60°C			
Protective class:	I			
Ingress protection:	IP65			
Overtoltage category:	II(PV), III(Mains)			
Inverter topology:	Non-isolated			

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AC-Coupled Inverter				
Model Name	HBS-3000	HBS-3680	HBS-5000	HBS-6000
a) Battery input parameters:				
Battery voltage type	Li-Ion			
Battery voltage range	80-480 Vd.c.			
Max. charge/discharge current	25/25 Ad.c.			
b) AC-output (grid side) parameters:				
Rated output voltage	230 Va.c.			
Rated output frequency	50Hz			
Max. continuous current to grid	15 Aa.c.	16 Aa.c.	23 Aa.c.	27.3 Aa.c.
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Back-up max.apparent power	3300VA	3680 VA	5000 VA	6000 VA
Others:				
Operating temperature range:	-25°C ...+60°C			
Protective class:	I			
Ingress protection:	IP65			
Overvoltage category:	II(PV), III(Mains)			
Inverter topology:	Non-isolated			

Tested

EN 50549-1:2019/AC:2019

according to: