

# Compliance Document

No. D 087538 0029 Rev. 00

**Holder of Certificate:** **Shenzhen Senergy Technology Co., Ltd.**  
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Shatian Kengzi Sub-district  
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PEOPLE'S REPUBLIC OF CHINA

**Product:** **Converter  
(ESS 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290233013701

**Date,** 2023-12-20



( Billy Qiu )

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**Model(s):** SE 5KHB-D3, SE 6KHB-D3,  
SE 8KHB-D3, SE 10KHB-D3

## Parameters:

Model	SE 5KHB-D3	SE 6KHB-D3	SE 8KHB-D3	SE 10KHB-D3
PV terminal				
PV Max. power	9000 W	9000 W	15000 W	15000 W
Nominal Voltage	650 Vd.c.			
Vmax. PV	1000 Vd.c.			
MPPT Voltage Range	160-950 Vd.c.			
MPPT Voltage Range (full load)	330-800 Vd.c.	330-800 Vd.c.	370-800 Vd.c.	370-800 Vd.c.
MPPT Tracker number	2			
Max. continuous PV input current per tracker	15/15 Ad.c.		20/30 Ad.c.	20/30 Ad.c.
Isc PV per tracker	20/20 Ad.c.		30/40 Ad.c.	30/40 Ad.c.
Battery terminal				
Battery type	Lithium-ion/Lead-acid			
Battery voltage range	150-600 Vd.c.			
Battery voltage range(full load)	250-600 Vd.c.			
Rated battery voltage	504 Vd.c.			
Max. charge / discharge current	25/25 Ad.c.		50/50 Ad.c.	
Max. charge/discharge power	9000/5800 W	9000/7000 W	15000/9100 W	15000/11300 W
Grid terminal				
Rated voltage	220/380, 230/400, 240/415 Va.c.			
Rated frequency	50/60 Hz			
Rated output current	7.6 / 7.2 / 6.9 Aa.c.	9.1 / 8.7 / 8.3 Aa.c.	12.1 / 11.6 / 11.1 Aa.c.	15.2 / 14.5 / 13.9 Aa.c.
Rated output power	5000 W	6000 W	8000 W	10000 W
Maximum continuous output current	8.3 Aa.c.	10.0 Aa.c.	13.3 Aa.c.	16.7 Aa.c.



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Maximum continuous output power	5500 W	6600 W	8800 W	11000 W
Rated input current	22.7 / 21.7 / 20.8 Aa.c.			
Rated input power	15000 W			
Maximum continuous input current	25 Aa.c.			
Maximum continuous input power	15000 W			
Power factor	0.9 inductive to 0.9 capacitive			
Load terminal				
Rated voltage	220/380, 230/400, 240/415 Va.c.			
Rated frequency	50/60 Hz			
Rated output power	15000 VA			

**Tested according to:**

- IEC 60068-2-1:2007
- IEC 60068-2-2:2007
- IEC 60068-2-14:2009
- IEC 60068-2-30:2005