

Compliance Document

No. D 075386 0214 Rev. 00

Holder of Certificate: **Shenzhen Kstar New Energy Company Limited**
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518107 Shenzhen, Guangdong Province
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
(Hybrid 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.: 64290233035301

Date, 2023-06-26



(Billy Qiu)

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Model(s): E8KT, E10KT

Parameters:

Model:	E8KT	E10KT
PV input parameter		
Maximum input voltage	1100 Vd.c.	
MPPT voltage range	140~1000 Vd.c.	
MPPT voltage range (full load)	380~850 Vd.c.	420~850 Vd.c.
Maximum input current	2*15 Ad.c.	
PV I _{SC}	2*20 Ad.c.	
Battery input/output parameter		
Battery type	Lithium or lead-acid	
Input voltage range	44~58 Vd.c.	
Maximum input/output voltage	58 Vd.c.	
Maximum charging current	160 Ad.c.	
Maximum charging power	8000 W	
Maximum discharging current	160 Ad.c.	200 Ad.c.
Maximum discharging power	8000 W	10000 W
Grid parameter		
Rated input/output voltage	3/N/PE, 230/400 Va.c.	
Rated input/output frequency	50 Hz	
Maximum input current	25 Aa.c.	
Maximum input active power	16000 W	17800 W
Maximum input apparent power	16000 VA	17800 VA
Maximum input active power from grid to battery	8600 W	
Maximum continuous output current	12.8 Aa.c.	16.0 Aa.c.
Registered Capacity	8800 W	11000 W
Maximum output apparent power	8800 VA	11000 VA
Maximum output active power from battery to grid (without PV input)	7500 W	9300 W
Power factor	0.99 inductive(under-excited) to 0.99 capacitive(over-excited)	

Tested according to:

G98/1-7:2022