

Compliance Document

No. D 122411 0014 Rev. 00

Holder of Certificate: **Shenzhen Eternalplanet Energy Pingshan Ltd.**

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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.: 64290223106901

Date, 2023-11-21



(Billy Qiu)

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Model(s):

**EP Cube PCS-EU1-7G,
EP Cube PCS-EU1-7W**

EP Cube PCS-EU1-7G is only used in the BESS below:

EP Cube HES-EU1-706G, EP Cube HES-EU1-710G,
EP Cube HES-EU1-713G, EP Cube HES-EU1-716G,
EP Cube HES-EU1-720G.

EP Cube PCS-EU1-7W is only used in the BESS below:

EP Cube HES-EU1-706W, EP Cube HES-EU1-710W,
EP Cube HES-EU1-713W, EP Cube HES-EU1-716W,
EP Cube HES-EU1-720W.

Parameters:

Model	EP Cube PCS-EU1-7G	EP Cube PCS-EU1-7W
PV input rating		
Max. input power	10 kW	
Nominal input voltage	360 Vd.c.	
Max. input voltage	600 Vd.c.	
MPPT voltage range	90-550 Vd.c.	
MPPT voltage range (full load)	312.5 ~ 450 Vd.c.	
MPPT start-up voltage	120Vd.c.	
Max. input current	16 Ad.c. x 2	
PV short circuit current	20 Ad.c. x 2	
Battery input/output rating		
Battery type	Lithium-iron battery	
Max. charging/discharging power	7.6 kW	
Max. charging/discharging current	55/55 Ad.c.	
Grid input rating		
Rated AC input voltage	230 Va.c. L+N+PE	
Nominal grid frequency	50 Hz	
Max input continuous power	7600 W	
Max input continuous power from grid to battery mode	7.6 kVA	
Max continuous current	33.0 Aa.c.	
Power factor range	0.8 inductive(under-excited) to 0.8 capacitive(over-excited)	
Grid output rating		
Rated AC output voltage	230 Va.c. L+N+PE	
Nominal grid frequency	50 Hz	
Max continuous active power	7600 W	

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Max continuous active power (Only battery supply)	7.6 kW
Max continuous output current	33.0 Aa.c.
Power factor range	0.8 inductive(under-excited) to 0.8 capacitive(over-excited)
AC Backup output rating	
Nominal voltage	230 Va.c. L+N+PE
Maximum active power	7600 W
Nominal frequency	50 Hz
Max continuous active power (Only battery supply)	7.6 kW
Max continuous current (Battery + PV supply)	33.0 Aa.c.

**Tested
according to:**

IEC 61683:1999