

Certificate of Conformity

No. ESY 122411 0005 Rev. 00

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

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Innovation Plaza
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Pingshan Subdistrict, Pingshan District
518118 Shenzhen, Guangdong
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
(Energy storage Inverter)**

This Certificate of Conformity confirms the compliance with the above listed standards on a voluntary basis. It refers only to the sample submitted to TÜV SÜD Product Service GmbH and does not certify the quality or safety of the serial products. It was issued according to TÜV SÜD Product Service certification program Photovoltaics and Grid Integration. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290233156501

Date, 2023-10-09



(Billy Qiu)

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Model(s): EP Cube HES-EU1-706W, EP Cube HES-EU1-706G,
EP Cube HES-EU1-710W, EP Cube HES-EU1-710G,
EP Cube HES-EU1-713W, EP Cube HES-EU1-713G,
EP Cube HES-EU1-716W, EP Cube HES-EU1-716G,
EP Cube HES-EU1-720W, EP Cube HES-EU1-720G

Parameters:

Model	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
PV input parameter					
Maximum input voltage	600 Vd.c.				
MPPT voltage range	90~550 Vd.c.				
MPPT voltage range (full load)	312.5~450.0 Vd.c.				
Maximum input current	2*16 Ad.c.				
PV I _{sc}	2*20 Ad.c.				
Maximum input power	10000 W				
Battery input/output parameter					
Battery type	LiFePO ₄				
Input voltage range	64.8~87.6 Vd.c.	97.2~131. 4 Vd.c.	129.6~17 5.2 Vd.c.	162.0~21 9.0 Vd.c.	194.4~26 2.8 Vd.c.
Rate voltage	76.8 Vd.c.	115.2 Vd.c.	153.6 Vd.c.	192.0 Vd.c.	230.4 Vd.c.
Maximum input/output voltage	87.6 Vd.c.	131.4 Vd.c.	175.2 Vd.c.	219.0 Vd.c.	262.8 Vd.c.
Maximum charging current	55 Ad.c.				
Maximum charging power	3000 W	5000 W	6500 W	7600 W	7600 W
Maximum discharging current	55 Ad.c.				
Maximum discharging power	3000 W	5000 W	6500 W	7600 W	7600 W
Grid parameter					
Rated input/output voltage	L/N/PE~, 230 Va.c.				
Rated input/output frequency	50 Hz				
Maximum input current	33 Aa.c.				
Maximum input active power	7600 W				
Maximum input apparent power	7600 VA				
Maximum input active power from grid to battery	3000 W	5000 W	6500 W	7600 W	7600 W
Rated output current	33 Aa.c.				
Maximum continuous output current	33 Aa.c.				
Rated output active power	7600 W				
Maximum output active power	7600 W				
Maximum output apparent power	7600 VA				
Maximum output active power from battery to grid (without PV input)	3000 W	5000 W	6500 W	7600 W	7600 W
Power factor	0.8 inductive to 0.8 capacitive				

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Maximum output active power from battery to grid (without PV input)	3000 W	5000 W	6500 W	7600 W	7600 W
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Applicable standards:

UNE 217002:2020