



Product Service

Attestation of Conformity

No. N8A 122411 0013 Rev. 00

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

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Innovation Plaza
No. 2007, Pingshan Blvd, Liulian Community
Pingshan Subdistrict, Pingshan District
518118 Shenzhen, Guangdong
PEOPLE'S REPUBLIC OF CHINA

Product: **Energy Storage System
(Battery Energy Storage System)**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290223103901

Date, 2023-10-31

(Billy Qiu)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



TUV®



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

Parameters:

Model	EP Cube HES-EU1-706G EP Cube HES-EU1-706W	EP Cube HES-EU1-710G EP Cube HES-EU1-710W	EP Cube HES-EU1-713G EP Cube HES-EU1-713W	EP Cube HES-EU1-716G EP Cube HES-EU1-716W	EP Cube HES-EU1-720G EP Cube HES-EU1-720W
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 start-up voltage	120Vdc				
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				
Nominal voltage	76.8 Vd.c.	115.2 Vd.c.	153.6 Vd.c.	192 Vd.c.	230.4 Vd.c.
Battery voltage range	64.8 Vd.c.~ 87.6Vd.c.	97.2 Vd.c.~ 131.4 Vd.c.	129.6 Vd.c.~ 175.2 Vd.c.	162 Vd.c.~ 219 Vd.c.	194.4 Vd.c.~ 262.8 Vd.c.
Max. charging/ discharging power	3 kVA	5 kVA	6.5 kVA	7.6 kVA	7.6 kVA
Max. charging/ discharging current	55 Ad.c.				
Grid input rating					
Rated AC input voltage	230 Va.c. L+N+PE				
Nominal grid frequency	50 Hz				

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Max continuous power	7600 W
Max continuous current	33.0 Aa.c.
Power factor	0.8 inductive to 0.8 capacitive
Grid output rating	
Rated AC output voltage	230 Va.c. L+N+PE
Nominal grid frequency	50 Hz
Max continuous power	7600 W
Max continuous current	33.0 Aa.c.
Power factor	0.8 inductive to 0.8 capacitive
AC Backup output rating	
Nominal voltage	230 Va.c. L+N+PE
Nominal active power	7600 VA
Nominal frequency	50 Hz
Max continuous current (Battery + PV)	33.0 Aa.c.
General parameter	
Ingress protection rating	IP65
Altitude	<3000m
Ambient temperature range	-20~50 °C
Protect class	CLASS I

Tested according to:

EN 62477-1:2012
 EN 62477-1:2012/A12:2021
 EN 62109-1:2010
 EN 62109-2:2011

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