

Certificate of Conformity

Certificate Number: CN-PVES-250191

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant Name & Address:	Shenzhen Eternalplanet Energy Pingshan Ltd. Room 220-3, Podium Building, Innovation Plaza, No. 2007, Pingshan Blvd, Liulian Community, Pingshan Subdistrict, Pingshan District, 518118 Shenzhen, Guangdong, China
Product Description:	Energy storage system
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models/Type References:	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, EP Cube HES-EU2-S7-05G, EP Cube HES-EU2-S7-10G, EP Cube HES-EU2-S7-15G, EP Cube HES-EU2-S7-20G
Brand Name:	 ETERNALPLANET
Specification/Standard:	G99 Issue 1- Amendment 10 March 2024 Requirements for the connection of generation equipment in parallel with public distribution networks
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report Number:	250408033GZU-001, 22 Apr. 2025
Additional information in Appendix.	



Signature

Certification Manager: Grady Ye

Date: 30 April 2025



PRD N° 306B

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APPENDIX: Certificate of Conformity

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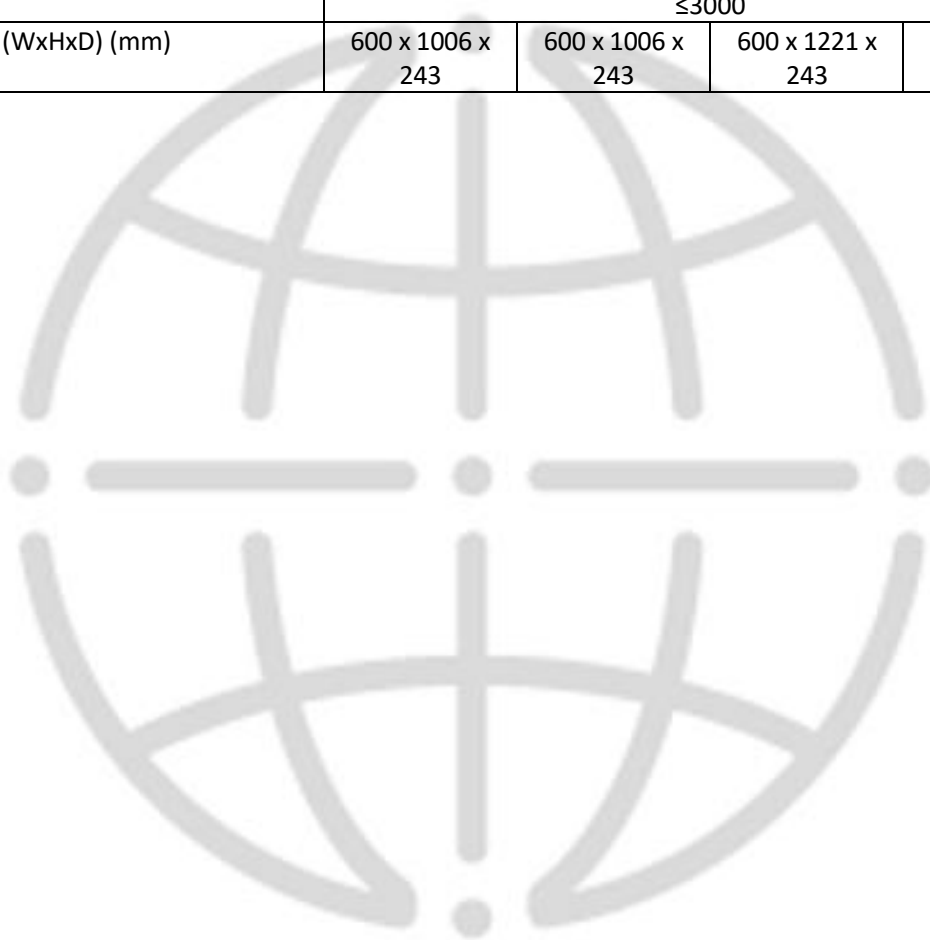
Specifications table				
Model	EP Cube HES- EU1-706G	EP Cube HES- EU1-706W	EP Cube HES- EU1-710G	EP Cube HES- EU1-710W
PV input				
Ppv Max(kW)	10			
Vmax PV (Vdc) (absolute Max.)	600			
Isc PV (absolute Max.) (A)	20			
Number MPP trackers	2			
Number input strings	2			
Max. PV input current / strings (A)	16			
MPPT voltage range (Vdc)	90-550			
Vdc range @ full power (Vdc)	312.5-450			
Battery (charge/discharge)				
Battery type	Lithium-iron battery			
Battery Normal Voltage (Range) (Vdc)	64.8 – 87.6	64.8 – 87.6	97.2 – 131.4	97.2 – 131.4
Max charge/discharge Current(A)	55	55	55	55
Rated Capacity (kWh)	6.66	6.66	9.99	9.99
Rated Energy (Ah)	90	90	90	90
AC Grid (output)				
Normal AC Voltage (VAC)	230, L/N/PE			
Frequency (Hz)	50			
Max. cont. output current (A)	31.7			
Max. cont. Power (kW)	7.3			
Max. cont. Apparent Power (VA)	7.3			
Power factor (adjustable)	0.8 inductive to 0.8 capacitive			
AC Grid (input)				
Normal AC Voltage (VAC)	230, L/N/PE			
Frequency (Hz)	50			
Max. cont. input current (A)	31.7			
Max. cont. Power (kW)	7.3			
Max. cont. Apparent Power (kVA)	7.3			
Power factor (adjustable)	0.8 inductive to 0.8 capacitive			
AC Load output				
Normal Voltage (VAC)	230, L/N/PE,			
Frequency (Hz)	50			
Max. cont. output current (A)	33			
Max. cont. Power (kW)	7.6			
Max. cont. Apparent Power (kVA)	7.6			
Power factor	1.0			
Others				
Ingress protection (IP)	IP65			
Protective class	Class I			

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Temperature (°C)	-20 – 50			
Inverter Isolation	Non-isolated			
Overvoltage category	OVC III (AC Main), OVC II (PV)			
Weight (kg)	111.5	111.5	146.5	146.5
Altitude (m)	≤3000			
Dimensions (WxHxD) (mm)	600 x 1006 x 243	600 x 1006 x 243	600 x 1221 x 243	600 x 1221 x 243



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Specifications table				
Model	EP Cube HES- EU1-713G	EP Cube HES- EU1-713W	EP Cube HES- EU1-716G	EP Cube HES- EU1-716W
PV input				
Ppv Max(kW)	10			
Vmax PV (Vdc) (absolute Max.)	600			
Isc PV (absolute Max.) (A)	20			
Number MPP trackers	2			
Number input strings	2			
Max. PV input current / strings (A)	16			
MPPT voltage range (Vdc)	90-550			
Vdc range @ full power (Vdc)	312.5-450			
Battery (charge/discharge)				
Battery type	Lithium-iron battery			
Battery Normal Voltage (Range) (Vdc)	129.6 – 175.2	129.6 – 175.2	162 - 219	162 - 219
Max charge/discharge Current(A)	55	55	55	55
Rated Capacity	13.32	13.32	16.65	16.65
Rated Energy	90	90	90	90
AC Grid (output)				
Normal AC Voltage (VAC)	230, L/N/PE			
Frequency (Hz)	50			
Max. cont. output current (A)	31.7			
Max. cont. Power (kW)	7.3			
Max. cont. Apparent Power (VA)	7.3			
Power factor (adjustable)	0.8 inductive to 0.8 capacitive			
AC Grid (input)				
Normal AC Voltage (VAC)	230, L/N/PE			
Frequency (Hz)	50			
Max. cont. input current (A)	31.7			
Max. cont. Power (kW)	7.3			
Max. cont. Apparent Power (kVA)	7.3			
Power factor (adjustable)	0.8 inductive to 0.8 capacitive			
AC Load output				
Normal Voltage (VAC)	230, L/N/PE,			
Frequency (Hz)	50			
Max. cont. output current (A)	33			
Max. cont. Power (kW)	7.6			
Max. cont. Apparent Power (kVA)	7.6			
Power factor	1.0			

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Others				
Ingress protection (IP)	IP65			
Protective class	Class I			
Temperature (°C)	-20 – 50			
Inverter Isolation	Non-isolated			
Overvoltage category	OVC III (AC Main), OVC II (PV)			
Weight (kg)	181.5	181.5	216.5	216.5
Altitude (m)	≤3000			
Dimensions (WxHxD) (mm)	600 x 1436 x 243	600 x 1436 x 243	600 x 1651 x 243	600 x 1651 x 243

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Specifications table						
Model	EP Cube HES-EU1- 720G	EP Cube HES-EU1- 720W	EP Cube HES- EU2- S7-10G	EP Cube HES- EU2-S7- 15G	EP Cube HES- EU2-S7- 20G	EP Cube HES-EU2- S7-05G
PV input						
P _{pv} Max(kW)	10					
V _{max} PV (Vdc) (absolute Max.)	600					450
I _{sc} PV (absolute Max.) (A)	20					
Number MPP trackers	2					
Number input strings	2					
Max. PV input current / strings (A)	16					
MPPT voltage range (Vdc)	90-550					90-400
Vdc range @ full power (Vdc)	312.5-450					312.5-400
Battery (charge/discharge)						
Battery type	Lithium-iron battery					
Battery Normal Voltage (Range) (Vdc)	194.4 – 262.8	194.4 – 262.8	86.4 – 116.8	129.6 – 175.2	172.8 – 233.6	43.2-58.4
Max charge/discharge Current(A)	55	55	60	60	60	60
Rated Capacity	19.98	19.98	10	15	20	5
Rated Energy	90	90	100	100	100	100
AC Grid (output)						
Normal AC Voltage (VAC)	230, L/N/PE					
Frequency (Hz)	50					
Max. cont. output current (A)	31.7					
Max. cont. Power (W)	7.3					
Max. cont. Apparent Power (VA)	7.3					
Power factor (adjustable)	0.8 inductive to 0.8 capacitive					
AC Grid (input)						
Normal AC Voltage (VAC)	230, L/N/PE					
Frequency (Hz)	50					
Max. cont. input current (A)	31.7					
Max. cont. Power (W)	7.3					
Max. cont. Apparent Power (VA)	7.3					
Power factor (adjustable)	0.8 inductive to 0.8 capacitive					
AC Load output						
Normal Voltage (VAC)	230, L/N/PE					
Frequency (Hz)	50					

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Max. cont. input/output current (A)	33					
Max. cont. Power (W)	7.6					
Max. cont. Apparent Power (VA)	7.6					
Power factor	1.0					
Others						
Ingress protection (IP)	IP65					
Protective class	Class I					
Temperature (°C)	-20 – 50					
Inverter Isolation	Non-isolated					
Overvoltage category	OVC III (AC Main), OVC II (PV)					
Weight (kg)	251.5	251.5	112	164	206	82
Altitude (m)	≤3000					
Dimensions (WxHxD) (mm)	600 x 1866 x 243	600 x 1866 x 243	600.0 x 1110.8 x 243	600.0 x 1378.2 x 24	600.0 x 1645.6 x 243	600 x 842 x 243

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