

CERTIFICATE OF CONFORMITY

CERTIFICATO DI CONFORMITÀ

Issued to: Eternalplanet Energy Co., Ltd
Rilasciato a: 27th Floor, Building 3A, Longgang Intelligent Park, 518116 Shenzhen, CHINA

For the product: Hybrid Energy Storage System
Tipo prodotto:

Trade name:  ETERNALPLANET
Marchio:

Type/Model: EP Cube2 IEC-T-10G, EP Cube2 IEC-T-15G, EP Cube2 IEC-T-20G,
Riferimento modello: EP Cube2 IEC-T-25G, EP Cube2 IEC-T-30G, EP Cube2 IEC-T-35G,
EP Cube2 IEC-T-40G

Ratings: See Annex
Dati di targa:

Manufactured by: Eternalplanet Energy Co., Ltd
Costruttore: 27th Floor, Building 3A, Longgang Intelligent Park, 518116 Shenzhen, CHINA

Requirements: CEI 0-21:2022-03+V1:2022-11+V2:2024-01
Requisiti: *Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica*

The tested models are suitable for installation in systems with a total power greater than 11.08 kW.

I modelli testati sono adatti per l'installazione in sistemi con potenza di uscita maggiore di 11.08 kW.

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6216357.50

Il presente certificato è rilasciato a causa di un esame da parte di DEKRA, i cui risultati sono riportati in un file riservato n. 6216357.50

The examination has been carried out on one single specimen of the product. The certificate does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

L'esame è stato effettuato su un unico esemplare del prodotto. Questo attestato di conformità è rilasciato sulla base dei risultati di prova riferiti nel rapporto sopra menzionato. La valutazione non include una verifica della produzione di serie né del luogo di produzione.

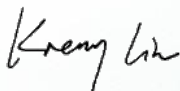
This Test Certificate expires at the latest on 2030-08-07 or expires upon withdrawal of one of the above mentioned standards.

Il presente certificato di prova scade al più tardi il 2030-08-07 o scade al momento del ritiro di uno dei suddetti standard.

Shanghai, 7 August 2025

Certificate Number: 6216357.01COC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny Lin
Certification Manager



PCA-141

© Integral publication of this certificate and adjoining reports is allowed

DEKRA Testing and Certification (Shanghai) Ltd.

No.250, Jiangchangsan Road, Jing'an District, Shanghai, 200436 People's Republic of China

T +86 21 6056 7600 F +86 21 6056 7555 www.dekra-product-safety.com

ESA-CER-F021 v4.1

Document no. : 6216357.01COC

Ratings of the testing Hybrid Inverter:

Valutazioni dell'invertitore ibrido di prova:

Model	EP Cube2 IEC-T- 10G	EP Cube2 IEC-T- 15G	EP Cube2 IEC-T- 20G	EP Cube2 IEC-T- 25G	EP Cube2 IEC-T- 30G	EP Cube2 IEC-T- 35G	EP Cube2 IEC-T- 40G
PV input							
P pv Max (kW)	24						
Vmax PV (Vdc) (absolute Max.)	1000						
Isc PV (absolute Max.) (A)	24						
Number MPP trackers	4						
Number input strings	1						
Max. PV input current (A)	17						
MPPT voltage range (Vdc)	85-850						
Vdc range @ full power (Vdc)	363-800						
Battery (charge/discharge)							
Battery type	Rechargeable Li-ion Battery/ LiFePO ₄						
Normal Voltage(Vdc)	102	153	204	256	307	358	409
Max charge/discharge Current(A)	60						
Max charge/discharge Power(kW)	5	7	10	12	12	12	12
AC Grid (input and output)							
Normal AC Voltage (Vac)	3L+N+PE, 400						
Frequency (Hz)	50						
Normal AC Current (A)	15						
Max. cont. input/output current (A)	15						
Rated Power (kW)	10						
Rated Apparent Power (kVA)	10						
Max. cont. input/output Power (kW)	10						
Max. cont. Apparent input/output Power (kVA)	10						
Power factor(adjustable)	0.8 ind. to 0.8 cap.						
Others							
Ingress protection (IP)	IP65						
Protective class	Class I						
Temperature (°C)	-20°C to +50°C						
Inverter Isolation	Non-isolated (PV - AC - BAT)						
Overvoltage category	OVC III (AC Main), OVC II (DC)						

Document no. : 6216357.01COC

The battery used for testing with the Hybrid Inverter covered by this certificate:

La batteria utilizzata per i test con l'invertitore ibrido coperto dal presente certificato:

Manufacturer	Eternalplanet Energy Co.,Ltd			
Battery Models	EP Cube2 IEC-T-10G	EP Cube2 IEC-T-15G	EP Cube2 IEC-T-20G	EP Cube2 IEC-T-25G
Number of battery module in parallel	2	3	4	5
Nominal Voltage	102 V	153 V	204 V	256 V
Nominal capacity	100 Ah			
Battery System Capacity	10 kWh	15 kWh	20 kWh	25 kWh
Battery Models	EP Cube2 IEC-T-30G	EP Cube2 IEC-T-35G	EP Cube2 IEC-T-40G	
Number of battery module in parallel	6	7	8	
Nominal Voltage	307 V	358 V	409 V	
Nominal capacity	100 Ah			
Battery System Capacity	30 kWh	35 kWh	40 kWh	
Remark: The test report No. of the battery: 6216352.50 When the batteries are connected in parallel, the charge/ discharge current is superimposed and is limited by the maximum current of the battery port of the Hybrid Inverter. The batteries are not integrated into the Hybrid Inverter and must be installed according to the local regulations.				

Document no. : 6216357.01COC

Type of generating unit:

Tipologia di apparato:

Static Conversion Device <i>Dispositivo di conversione statica</i>	Interface Protection <i>Protezione di interfaccia</i>	Interface Protection Device <i>Dispositivo di interfaccia</i>	Rotating Generator Device <i>Dispositivo di generazione rotante</i>
Yes/Sì	Yes/Sì	Yes/Sì	No/No

REMARK: the device is capable to limit the I_{dc} to 0.5% of the nominal current

NOTA: Il dispositivo è in grado di limitare la I_{dc} allo 0.5% della corrente nominale

Hardware version: 1.32

Versione hardware: 1.32

Software version: 0.1.5

Versione software: 0.1.5

Testing Laboratory:

Laboratorio prove:

Testing Laboratory for CEI 0-21:2022-03+V1:2022-11+V2:2024-01

DEKRA Testing and Certification (Suzhou) Co., Ltd.

No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China

Accreditation Number: L5313 (CNAS-ILAC)

Testing Laboratory for EMC:

1. DEKRA Testing and Certification (Shanghai) Ltd.

No.250, Jiangchangsan Road, Jing'an District, Shanghai, China

2. EMTEK (SHENZHEN)CO., LTD.

Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China

Accreditation Number: L2291 (CNAS-ILAC)

--- End ---