



Ref. Certif. No.

SE-115145

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Energy Storage System

Name and address of the applicant

Shenzhen Poweroak Newener Co., Ltd.
F19, Bld No.1, Kaidaer, Tongsha Rd No. 168, Xili Street,
Nanshan, Shenzhen, China

Name and address of the manufacturer

Same as applicant

Name and address of the factory

Huizhou PowerOak Innovation Co., Ltd.
(No.1 Workshop) Longsheng 5th Road, Laoshe Village.
Dayawan West Zone, Huizhou City, Guangdong Province,
China

Note: When more than one factory, please report on page 2

Additional Information on page 2

Ratings and principal characteristics

See page 2

Trademark / Brand (if any)

BLUETTI

Customer's Testing Facility (CTF) Stage used

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Model / Type Ref.

EP2000

Additional information (if necessary may also be reported on page 2)

Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 62109-1:2010
IEC 62109-2:2011

As shown in the Test Report Ref. No. which forms part of this Certificate

240612096GZU-002, 240612096GZU-003

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Torshamnsgatan 43
Box 1103
SE-164 22 Kista, Sweden

Date: 31 October, 2024

Signature:

Anneli Averland Johansson



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Ratings and principal characteristics

PV Ratings:

Max. PV Input Power: 30000W;
Max. PV Input Voltage: 1000 d.c.V;
MPPT Operating Voltage Range: 160-850 d.c.V;
Rated PV Input Current: 15 d.c.A *4;
Max. short-circuit current: 20 d.c.A *4;
Max. Inverter Backfeed Current to Array: 0.005 d.c.ma

Battery rating:

Battery type: LiFePO4;
Battery voltage range: 160 – 800 d.c.V;
Battery Max. Charging Current: 60 d.c.A;
Battery Max. Discharging Current: 60 d.c.A

Grid:

Rated Grid Voltage: 230/400 a.c.V, 3L/N/PE
Rated Grid Frequency: 50 Hz
Max. Power from Grid: 40000 VA
Max. Current from Grid: 60 a.c.A
Rated Power Output to Grid: 20000 VA
Rated Current Output to Grid: 29 a.c.A
Power Factor Range: -0.8~0.8

Back-up:

Rated Voltage: 230/400 a.c.V, 3L/N/PE
Rated Frequency: 50 Hz
Rated Output Power: 20000 VA
Rated Output Current: 29 a.c.A.
Power Factor Range: -0.8~0.8

General Parameters:

Ingress Protection: IP65
Temperature range: -20°C ~ 60 °C (Derating Above 45°C);
IP65
Protection class: Class I
Overvoltage Category: PV(II),AC(III)
The Software version: 503002
The Hardware version: EP2000_M1 V9.0\ES203_M2
V7.0\EP2000_M3 V9.0\EP2000_M4 V9.0 \EP2000_U1 V8.0
\ES203_A3 V3.0 \EP2000_A1 V3.0

Date: 31 October, 2024

Signature: