

# Test Verification of Conformity

Verification Number: 250210045GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an accredited 3rd party laboratory in accordance to the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>. This verification replaces previous verification number 240826157GZU-VOC001 dated: 21 November 2024

This document can be used in support of a claim in meeting relevant <EU>legislation and mandatory Conformity Marking. And in accordance with EU law, the claim is the sole obligation of the Manufacturer/ Importer.

Applicant Name & Address:	SHENZHEN POWEROAK NEWENER CO., LTD. F19, BLD No.1, Kaidaer, Tongsha Rd No.168, Xili Street, Nanshan, Shenzhen, China
Product Description:	Energy Storage System
Models/Type References:	EP2000
Ratings & Principle	See Appendix
Characteristics:	
Brand Names:	BLUETTI
Specification<s>/Standards:	EN IEC 61000-6-3:2021 EN IEC 61000-6-1:2019
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Date of Tests:	-
Test Report Number(s):	240826157GZU-001 Amendment 1
Additional information in Appendix.	



**Signature**

**Name: Sky Zhu**

**Position: Supervisor**

**Date: 27 February 2025**

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 250210045GZU-VOC001.

Ratings & Principle  
Characteristics:

PV input:  
Max. input power: 30000W;  
Max. DC voltage: 1000 Vdc;  
MPPT voltage range: 160-850 Vd.c.A;  
Max. input current: 15/15/15/15d.c.A;  
Max. short-circuit current: 20/20/20/20d.c.A;  
Battery input/output rating:  
Battery type: Li-ion;  
Battery voltage range: 160 – 800 Vdc;  
Max. charging current: 60d.c.A;  
Max. discharging current:60d.c.A  
AC Grid:  
Rated Grid Voltage: 230/400 a.c.V, 3W/N/PE  
Rated Grid Frequency: 50 Hz  
Max. Power from Grid: 40000 VA  
Max. Current from Grid: 60 a.c.A  
Max. Power Output to Grid: 20000 VA  
Max. Current Output to Grid: 29 a.c.A  
Power Factor Range: -0.8~0.8  
AC Load:  
Rated Voltage: 230/400 a.c.V,3W/N/PE  
Rated Frequency: 50 Hz  
Max. Output Power from Grid: 40000 VA  
Max. Current from Grid: 60 a.c.A  
Rated Output Power: 20000 VA  
Rated Output Current: 29 a.c.A.  
General Parameters  
Ingress Protection: IP65  
Temperature range: -25 ~ 60 °C (Derating Above 45°C);  
IP65  
Protection class: Class I  
Overvoltage Category: PV(II),AC(III)  
MCU version: ;  
DSP version: .



**Signature**

**Name: Sky Zhu**

**Position: Supervisor**

**Date: 27 February 2025**

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