

Test Verification of Conformity

Verification Number: 220601125GZU-VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant **CE** mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

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
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	EP600
Brand Name:	BLUETTI
Relevant Standards/Directives:	IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements IEC/EN 62109-2: 2011 Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters Low Voltage Directive 2014/35/EU
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch. Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests:	06 June 2022 to 23 Sep 2022
Test Report Number(s):	220601125GZU-001, 220601125GZU-002
Additional information in Appendix.	



Signature

Name: Tommy Zhong

Position: Technical Manager

Date: 31 Oct 2022

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 220601125GZU-VOC001.

Model	EP600
Max. PV input voltage	550 d.c.V
PV voltage range	150-500 d.c.V
PV continuous input current	12.5/12.5 d.c.A
PV short circuit current	15/15 d.c.A
AC input/output data for on-grid	
Rate Voltage	230/400 a.c.V, 3W/N/PE
Frequency	50Hz
Max. input/output current	17.4a.c.A/8.7 a.c.A
Max. input/output power	12000VA/6000VA
AC output data for off-grid	
Rate Voltage	3W/N/PE, 230/400 a.c.V
Max. output current	8.7 a.c.A
Max. output power	6000VA
Battery data	
Battery voltage range	86-113 d.c.V
Max. charge current	75 d.c.A
Max. discharge current	75 d.c.A
Power factor	-0.9 ~ 0.9
Safety level	Class I
Ingress Protection	IP 65
Operation Ambient Temperature	-20°C ~ 50°C
Software version	DSP: 500306, ARM: 500407



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