


Test Verification of Conformity

Verification Number: 221121005GZU-VOC003

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  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 62477-1:2012, AMD1:2016, EN 62477-1:2012 + A11:2014 + A1:2017 + A12:2021 Safety requirements for power electronic converter systems and equipment Part 1: General 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, 21 Nov., 2022 to 01 Dec., 2022
Test Report Number(s):	220601125GZU-004, Revision 1: 12 Jan., 2023

Additional information in Appendix.



Signature

Name: Tommy Zhong

Position: Technical Manager

Date: 17 January 2023

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 221121005GZU-VOC003.

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



Signature

Name: Tommy Zhong

Position: Technical Manager

Date: 17 January 2023

This Verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to permit copying or distribution of this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.