

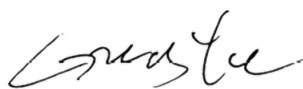
# Certificate of Conformity

Certificate Number: CN-PV-230405

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specification/standard at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture. The manufacturer shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

<b>Applicant:</b>	SHENZHEN POWEROAK NEWENER CO., LTD. F19, BLD No.1, Kaidaer, Tongsha Rd No.168, Xili Street, Nanshan, Shenzhen, China
<b>Product:</b>	Energy Storage system
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	Inverter conversion device: EP760 Batteries and BMS - Battery Management System Battery module model: B500 Battery pack: ITPt123/123/310-500E High voltage control model: B500 BCU V4.0
<b>Brand Name:</b>	BLUETTI
<b>Product Complies with:</b>	CEI 0-21: 2022-03 + V1:2022-11: Reference technical rules for the connection of active and passive users to the LV electrical Utilities
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
<b>Test Report Number:</b>	230314122GZU-001, dated 03 July 2023 Issued by Intertek Testing Services Shenzhen Ltd. Guangzhou Branch accredited by IAS (TL-395) in accordance with ISO/IEC 17025:2017

Additional information in Appendix



**Signature**

**Certification Manager: Grady Ye**

**Date: 17 July 2023**



PRD N° 306B

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230405

Test item description.....:	Energy Storage system
Trademark.....:	BLUETTI
Manufacturer.....:	Same as applicant
Model/Type reference.....:	Inverter conversion device: EP760 Brands: BLUETTI Batteries and BMS - Battery Management System Battery module model: B500 Battery pack: ITPt123/123/310-500E High voltage control model: B500 BCU V4.0 Brands: BLUETTI
Inverter Firmware Version.....:	ARM:502305, DSP:502204
Number of phases.....:	Single-phase
Nominal Power.....:	7600W
Type.....:	Bidirectional
CUS (useful capacity of the storage system).....:	See below table for details
Psn (nominal discharge power):	7600W
Pcn (nominal charge power).....:	Same as Psn
Psmax (maximum discharge power).....:	7600W
Pcmax (maximum charge power).....:	7600W
BMS Firmware Version 1.....:	B500_U3_BMU V4.0 (SMT)
BMS Firmware Version 2.....:	B500_U2_HVU V3.0 (SMT)
BMS Firmware Version 3.....:	B500_U1_BCU V4.0 (SMT)
Battery	CUS (useful capacity of the storage system)

Basic Model	Manufacturer	Capacity of per battery module (kWh)	Number of Battery pack
B500	Huizhou PowerOak Innovation Co., Ltd	4.96	2-16

Note:

- Batteries are not integrated within the inverter and shall be installed according to local regulation.
- Due to the min. capacity (9.92kWh) can get the inverter to full power and battery modules are in parallel in daily use. After evaluation, the test was based on a pcs with 2 battery modules (9.92kWh).

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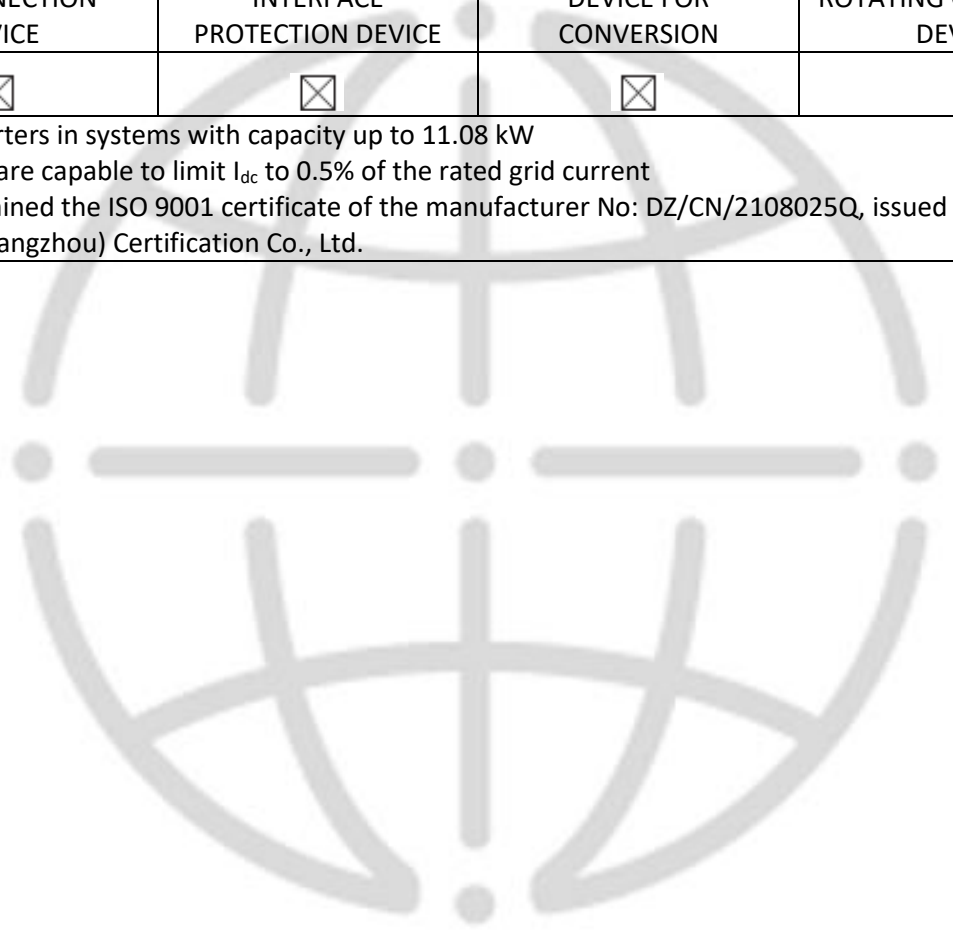
Model	EP760
PV input date	
Max. PV input voltage	550 d.c.V
PV voltage range	150-500 d.c.V
PV continuous input current	12.5/12.5/12.5 d.c.A
PV short circuit current	15/15/15 d.c.A
AC input data from grid	
Rate input voltage	230 a.c.V, L/N/PE
Rate Frequency	50Hz
Max. input current	50 a.c.A
Max. input power	11500 VA
AC output data for on-grid	
Rate output voltage	230 a.c.V, L/N/PE
Rate Frequency	50Hz
Max. output current	33 a.c.A
Max. output power	7600 VA
Power Factor Range	-0.9 ~ 0.9
AC output data for off-grid	
Rate output voltage	230 a.c.V, L/N/PE
Rate Frequency	50Hz
Max. output current	33 a.c.A
Max. output power	7600 VA
Battery data	
Battery voltage range	86-113 d.c.V
Max. charge current	85 d.c.A
Max. discharge current	90 d.c.A
Safety level	Class I
Ingress Protection	IP 65
Operation Ambient Temperature	-20°C ~ 50°C
Software version	ARM:502305, DSP:502204

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TYPE OF APPARATUS: Energy Storage system			
Number of phases: Single-phase			
DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR CONVERSION	ROTATING GENERATOR DEVICE
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<p>Static converters in systems with capacity up to 11.08 kW            The devices are capable to limit <math>I_{dc}</math> to 0.5% of the rated grid current            Having examined the ISO 9001 certificate of the manufacturer No: DZ/CN/2108025Q, issued by:            Dazhong(Guangzhou) Certification Co., Ltd.</p>			



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