

# Certificate of Conformity

Certificate Number: CN-PVES-250220

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) 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 Battery System
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	See appendix of Certificate of Conformity
<b>Brand Name&lt;s&gt;:</b>	BLUETTI
<b>Product Complies with:</b>	CEI 0-21: 2022-03 + V1:2022-11 + V2:2024-01: 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 No.&lt;s&gt;:</b>	250116195GZU-001, dated 19 May 2025 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: 28 May 2025**



PRD N° 306B

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## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-250220

Test item description .....	Energy Storage Battery System
Trade Mark .....	BLUETTI
Manufacturer .....	Same as applicant
Model/Type reference .....	Inverter conversion device: EP2000
	Brands: BLUETTI
	Batteries and BMS - Battery Management System
	Battery module model: B5000-2S, B5000-3S, B5000-4S, B5000-5S, B5000-6S, B5000-7S
	High voltage control model: HV800
	Brands: BLUETTI
Inverter Firmware Version .....	503002
Number of phases .....	Three-phase
Nominal Power .....	20000W (EP2000), Bidirectional
Type .....	
CUS (useful capacity of the storage system) .....	14.75kWh (B5000-2S)
	22.12kWh (B5000-3S)
	29.50kWh B5000-4S)
	36.87kWh (B5000-5S)
	44.24kWh(B5000-6S)
	51.61kWh(B5000-7S)

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Psn (nominal discharge power) .....	See following table for details
Pcn (nominal charge power) .....	See following table for details
Psmax (maximum discharge power) :	See following table for details
Pcmx (maximum charge power) .....	See following table for details
BMS Firmware Version for system:	See following table for details



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Battery module model	EP2000
	Pcmax/Psmax(W)
B5000-2S	7600/10500
B5000-3S	11400/15500
B5000-4S	15200/20000
B5000-5S	19000/20000
B5000-6S	20000/20000
B5000-7S	20000/20000
Remark: Psn= Psmax, Pcn= Pcmax	

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Battery			CUS (useful capacity of the storage system)			
Energy Storage module	Energy Storage Battery System model recommended by the manufacturer	Manufacturer	Capacity of per battery pack (Wh)	Capacity of Energy Storage module (kWh)	Number of Energy Storage module recommended by the manufacturer	Capacity range of Energy Storage module (kWh)
EP2000	B5000-2S	SHENZHEN POWEROAK NEWENER CO., LTD.	7372.8	14.75	2-7	14.75-51.61
	B5000-3S			22.12		
	B5000-4S			29.50		
	B5000-5S			36.87		
	B5000-6S			44.24		
	B5000-7S			51.61		
Note: Batteries are not integrated within the inverter and shall be installed according to local regulation.						

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MODEL	EP2000
PV	
Max. PV voltage	1000 Vdc
MPPT voltage range	160 – 850 Vdc
Max. input current	15 Adc*4
Isc PV	20 Adc*4
Number of MPPT	4
Battery	
Battery type	LiFePO4
Battery voltage range	160 – 800 Vdc
Max. charge/discharge current	60 Adc
Grid	
Rated Input/Output voltage	230Vac
Nominal Frequency	50Hz
Rated Input/Output Current	29 Aac
Rated Input/Output apparent power	20000VA
Max. Power from Grid	40000VA
Power factor	-0.8~0.8
Software Version	503002

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TYPE OF APPARATUS: Energy Storage Battery System			
Number of phases: Three-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 51.61 kW (For models: EP2000)</p> <p>Static converters in systems with capacity more than 51.61 kW (For models: EP2000)</p> <p>The devices are capable to limit Idc to 0.5% of the rated grid current</p> <p>Having examined the ISO 9001 certificate of the manufacturer No.:00122Q35295R0M/4403</p>			

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