

DICHIARAZIONE DICONFORMITA' ALLE PRESCRIZIONI CEI 0-21: 2022-03

DECLARATION OF CONFORMITY WITH CEI REQUIREMENTS V1:2022-11

Con la presente dichiarazione, resa ai sensi degli artt. 46 e 47 DPR 28 Dicembre 2000 n 445 consapevole delle responsabilità e delle sanzioni penali previste dall'art. 76 del citato DPR per false attestazioni e dichiarazioni mendaci, il sottoscritto Song Xintan in qualità di vicepresidente della società Suzhou Bytewatt Technology Co., Ltd. con sede a Room 1004-1, Tantaihu Building, No.9 East Taihu Road, Wuzhong District, Suzhou City, Jiangsu Province, P.R. China.

With this declaration, made pursuant to articles 46 and 47 of Presidential Decree 28 December 2000, n.445, aware of the responsibilities and penal sanctions provided for by art. 76 of the aforementioned Presidential Decree for false claims and misleading statements, the undersigned Chen Wei as Vice President of the company Suzhou Bytewatt Technology Co., Ltd. based in Room 1004-1, Tantaihu Building, No.9 East Taihu Road, Wuzhong District, Suzhou City, Jiangsu Province, P.R. China.

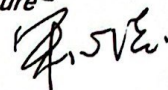
**DICHIARA
DECLARES**

che gli inverter di propria costruzione di cui alla relazione allegata sono conformi alle prescrizioni della norma CEI 0-21: 2022-03. Attesta altresì che la produzione dei dispositivi avviene in regime di qualità (secondo ISO 9001, ed. 2000 e s.m.i.)

that the inverters of its own construction referred to in the attached report comply with the requirements of the CEI 0-21: 2022-03 standard. It also certifies that the production of the devices takes place under a quality regime (according to ISO 9001, ed. 2000 and subsequent amendments)

Firma

Signature -


Song Xintan



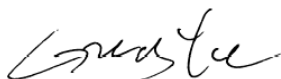
Certificate of Conformity

Certificate Number: CN-PV-230120

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.

Applicant:	Suzhou Bytewatt Technology Co., Ltd Room 1004-1, Tantaihu Building, No.9 East Taihu Road, Wuzhong District, Suzhou City, China
Product:	Energy Storage System
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	Inverter conversion device: BW-INV-SPH5K Batteries and BMS - Battery Management System Battery module model: BW-BAT-10.1P
Brand Name<s>:	NEOVOLT
Product Complies with:	CEI 0-21: 2022-03 + V1:2022-11: Reference technical rules for the connection of active and passive users to the LV electrical Utilities
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd 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
Test Report No.<s>:	221215057GZU-003 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: 27 March 2023



PRD N° 306B

This Certificate 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 Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. 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.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-230120.

Test item description.....:	Energy Storage system
Trade Mark.....:	NEOVOLT
Manufacturer.....:	Same as applicant
Model/Type reference.....:	Inverter conversion device: BW-INV-SPH5K Brands: NEOVOLT Batteries and BMS - Battery Management System Battery module model: BW-BAT-10.1P Brands: NEOVOLT
Inverter Firmware Version.....:	E1.0
Number of phases.....:	Single-phase
Nominal Power	5000W (HS2-5K-T2-X, AS2-5K-T-X)
Type.....:	Bidirectional
CUS (useful capacity of the storage system)	10.1KWh
Psn (nominal discharge power)	5000W
Pcn (nominal charge power)	5000W
Psmax (maximum discharge power) :	5000W.
Pcmax (maximum charge power)	5000W;
BMS Firmware Version.....:	V1.53

Battery		CUS (useful capacity of the storage system)	
Model	Manufacturer	Capacity of per battery module (kWh)	Number of basic modules recommended by the manufacturer
BW-BAT-10.1P	Suzhou Bytewatt Technology Co., Ltd	10.1	1

Note:

1. Batteries are not integrated within the inverter and shall be installed according to local regulation.

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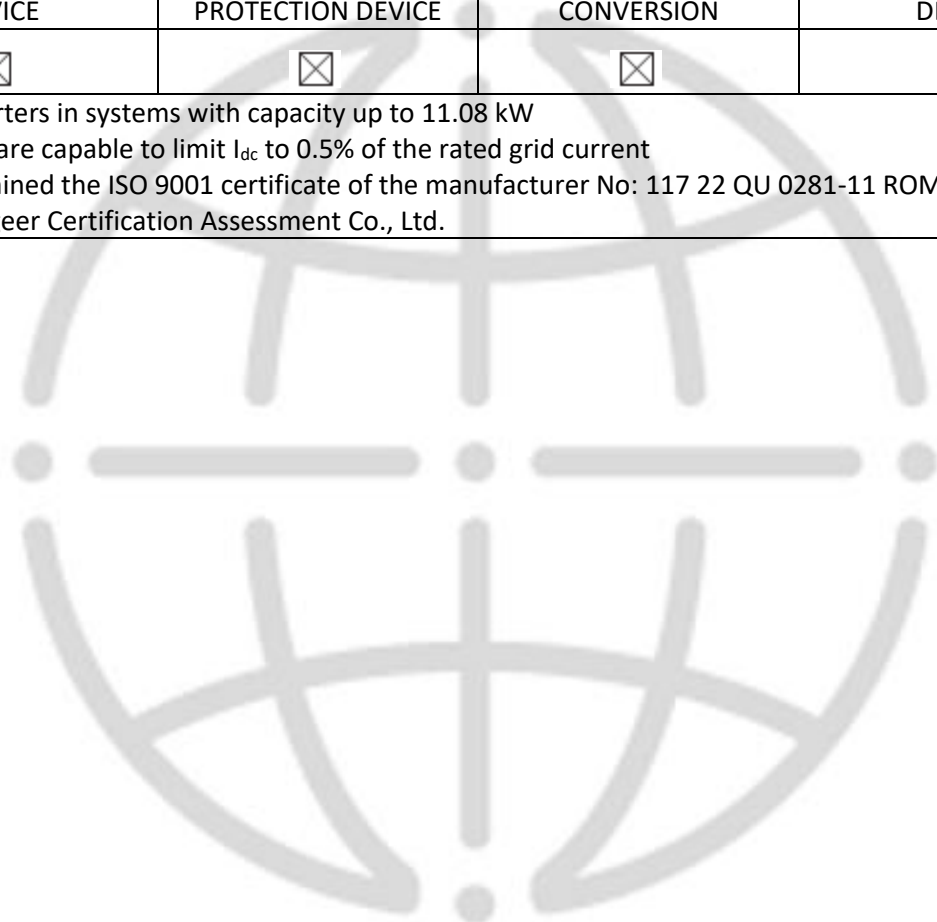
MODEL	BW-INV-SPH5K
Input DC (PV side)	
Recommended max. PV power	7500W
Max PV input voltage	580Vdc
MPPT Voltage range	100-550Vdc
Max. input current	15A/15A
PV Isc	18.75A/18.75A
Battery	
Battery type	Li-ion (LiFePO4)
Battery Voltage Range	80-450V
Max.Charging / Discharging Power	5000W/5000W
Max. Charge/Discharge current	60A/60A
Grid Output	
Max Active power	5000W
Max.apparent power	5000VA
Max.output current	21.7A
Output voltage	L/N/PE 230Vac
Rated Frequency	50/60 Hz
Power Factor	0.8 cap ~ 0.8 ind
Backup output	
Rated Voltage	L/N/PE 230Vac
Rated Frequency	50/60 Hz
Max output power	5000W
Max.output current	21.7A
System	
Protection Degree	IP65
Operation Temperature Range	-10 °C ~ +50 °C
Protection Class	I
Overvoltage Category	DC: II; AC:III
Topology	Non-isolated
Software Version	E1.0

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TYPE OF APPARATUS: Energy Storage 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 11.08 kW The devices are capable to limit I_{dc} to 0.5% of the rated grid current Having examined the ISO 9001 certificate of the manufacturer No: 117 22 QU 0281-11 ROM, issued by: Shanghai Ingeer Certification Assessment Co., Ltd.</p>			



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