


Test Verification of Conformity

Verification Number: 220100417TPE-001-VOC1

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. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

| | |
|---|--|
| Applicant Name & Address: | Turbo Energy S.L. Av. América, 2-4B 46004 Valencia, Spain |
| Product Description: | Hybrid Inverter |
| Ratings & Principle Characteristics: | See page 2. |
| Models/Type References: | 1) HYBRID SERIES SMART 48V 3.0 2) HYBRID SERIES SMART 48V 3.6 3) HYBRID SERIES SMART 48V 5.0 4) HYBRID SERIES SMART 48V 6.0 |
| Brand Names: |  |
| Specification<s>/Standards: | CEI 0-21: 2019-04 |
| Verification Issuing Office Name & Address: | Intertek Testing Services Taiwan Ltd. 5F, No. 423, Ruiguang Rd., Neihu District, Taipei 114, Taiwan |
| Date of Tests: | 2021-08-08 to 2021-11-15 |
| Test Report Number(s): | 220100417TPE-001 |

Additional information in Appendix.



Signature

Name: Dan Chen

Position: Assistant Manager

Date: 28 January, 2022

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 220100417TPE-001-VOC1

Manufacture Name & Address: NingBo Deye Inverter Technology Co., Ltd.
No. 26 South YongJing Road, Daqi, Beilun, NingBo, China

| Ratings: | HYBRID SERIES SMART 48V 3.0 | HYBRID SERIES SMART 48V 3.6 | HYBRID SERIES SMART 48V 5.0 | HYBRID SERIES SMART 48V 6.0 |
|---|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Input DC voltage (V): | 125-500Vd.c. | | | |
| MPP DC voltage range(V): | 150-425Vd.c. | | | |
| Input DC current (A): | 13Ad.c.+13Ad.c. | | | |
| Output AC voltage(V): | 230Va.c. | | | |
| Output AC current(A): | 13.0Aa.c 14.3Aa.c. max | 15.7Aa.c 17.2Aa.c. max | 21.7Aa.c 23.9Aa.c. max | 26.1Aa.c 28.7Aa.c. max |
| Output power(W) | 3000W 3300W max. | 3600W 3960W max. | 5000W 5500W max. | 6000W 6600W max. |
| Battery operation voltage range (V) | 48Vd.c. (40-60Vd.c.) | | | |
| Max. charging and discharging current (A) | 70Ad.c.Max | 90Ad.c.Max | 120Ad.c.Max | 135Ad.c.Max |



Signature

Name: Dan Chen

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Additional information:

| | | |
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| The inverter listed above may be installed with following batteries: | | |
| Manufacturer | TURBO ENERGY, S.L. | Jiangsu Highstar Battery Manufacturing Co.,Ltd. |
| Battery Model | Lithium Series 48V 2.4 kWh Battery | HSD 4870 |
| Capacity of each battery module : | 2.4 kWh | 3.584 kWh |
| Number of battery module recommended by the manufacturer | 2-10 | 2-9 |
| | | |
| Manufacturer | SHENZHEN GSL ENERGY CO LTD. | |
| Battery Model | GSL051200A-B-GBP2 | ZN-P48100ESA1 |
| Capacity of each battery module : | 10.0 kWh | 4.8 kWh |
| Number of battery module recommended by the manufacturer | 1-4 | 2-6 |

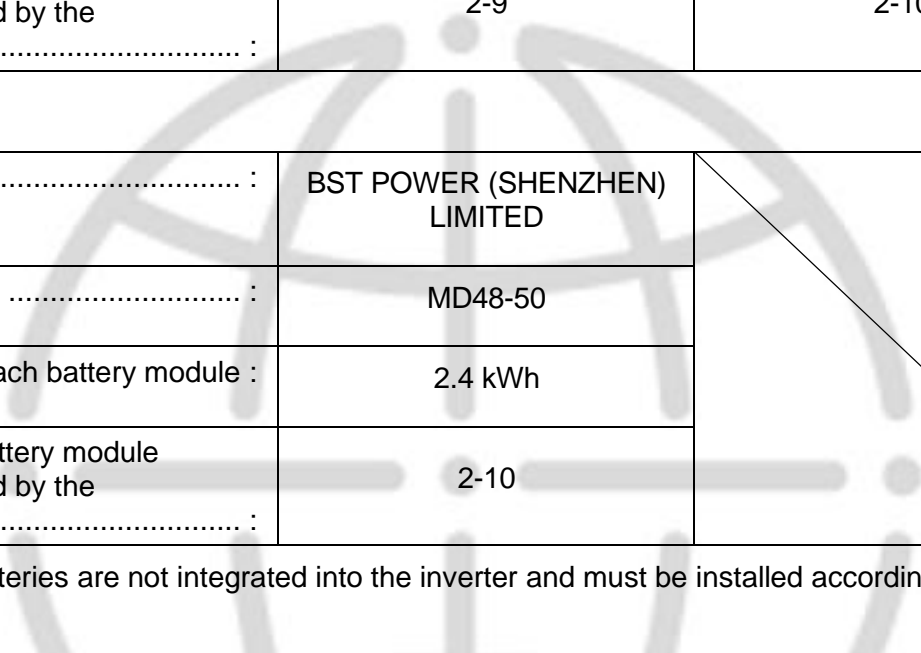
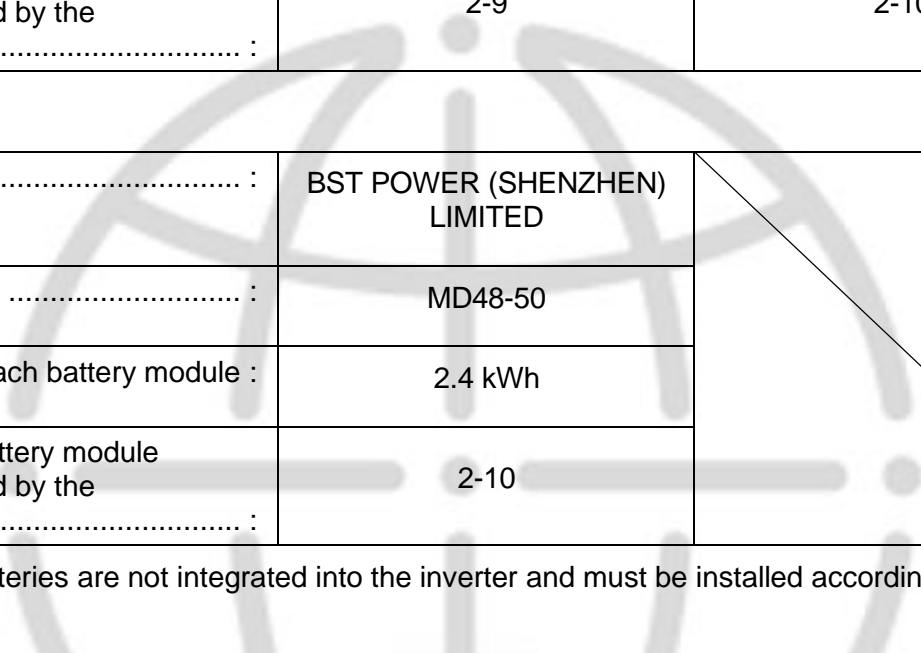
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| | | |
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| | | |
| Manufacturer | DAQIN NEW ENERGY TECH (TAIZHOU) Co., LTD. | |
| Battery Model | B4850 | B3 |
| Capacity of each battery module : | 2.4 kWh | 3 kWh |
| Number of battery module recommended by the manufacturer | 3-9 | 3-9 |
| | | |
| Manufacturer | SHENZHEN UZ ENERGY LIMITED | |
| Battery Model | L051100-A | L051100-D |
| Capacity of each battery module : | 5.12 kWh | 5.12 kWh |
| Number of battery module recommended by the manufacturer | 2-9 | 2-9 |
| | | |
| Manufacturer | Pylon Technologies Co., Ltd. | |
| Battery Model | US2000 | US3000 |
| Capacity of each battery module : | 2.4 kWh | 3.5 kWh |
| Number of battery module recommended by the manufacturer | 3-9 | 2-9 |
| | | |

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|--|-------------------------------------|----------------|
| Manufacturer | Shuangdeng Group Co., Ltd | SUNWODA ENERGY |
| Battery Model | SDC10-Box 5 | H4850M-P02 |
| Capacity of each battery module : | 5.12 kWh | 2.4 kWh |
| Number of battery module recommended by the manufacturer | 2-9 | 3-9 |
| | | |
| Manufacturer | WeCo Srl Italia | |
| Battery Model | 4K4 pro | 5K3 |
| Capacity of each battery module : | 4.4 kWh | 5.3 kWh |
| Number of battery module recommended by the manufacturer | 2-9 | 2-9 |
| | | |
| Manufacturer | Shanghai Dowell Technology Co., Ltd | |
| Battery Model | iPack C3.3 | iPack C5 |
| Capacity of each battery module : | 3.3 kWh | 5.12 kWh |
| Number of battery module recommended by the manufacturer | 2-9 | 2-9 |
| | | |

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| | | |
|---|-------------------------------------|---|
| Manufacturer | Shanghai Dowell Technology Co., Ltd | BST POWER (SHENZHEN) LIMITED |
| Battery Model | iPack C6.5 | MD48-100 |
| Capacity of each battery module : | 6.5 kWh | 4.8 kWh |
| Number of battery module recommended by the manufacturer | 2-9 | 2-10 |
|  | | |
| Manufacturer | BST POWER (SHENZHEN) LIMITED |  |
| Battery Model | MD48-50 | |
| Capacity of each battery module : | 2.4 kWh | |
| Number of battery module recommended by the manufacturer | 2-10 | |
| <p>Note: The batteries are not integrated into the inverter and must be installed according to local regulations.</p> | | |

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