

Test Verification of Conformity

Verification Number: 210800564TPE-001R1-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>. This verification replaces previous verification date: 17 Dec, 2021: 210800564TPE-001-VOC1

Applicant Name & Address:	NingBo Deye Inverter Technology Co., Ltd. No. 26 South YongJing Road, Daqi, Beilun, NingBo, China
Product Description:	Hybrid Inverter
Ratings & Principle Characteristics:	See page 2.
Models/Type References:	SUN-3K-SG03LP1-EU, SUN-3.6K-SG03LP1-EU, SUN-5K-SG03LP1-EU, SUN-6K-SG03LP1-EU
Brand Names:	
Specification<s>/Standards:	CEI 0-21: 2019-04
Verification Issuing Office Name & Address:	Intertek Testing Services Taiwan Ltd. 5 F, No. 423, Ruiguang Rd., Neihu District, Taipei 114, Taiwan
Date of Tests:	-
Test Report Number(s):	210800564TPE-001R1

Additional information in Appendix.



Signature

Name: Dan Chen

Position: Assistant Manager

Date: January 25, 2022

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 210800564TPE-001R1-VOC1

Manufacture Name & Address: Same as applicant

Ratings & Principle Characteristics:

Ratings	SUN-3K-SG03LP1-EU	SUN-3.6K-SG03LP1-EU	SUN-5K-SG03LP1-EU	SUN-6K-SG03LP1-EU
MPP DC voltage range [V]	150-425Vd.c			
Input DC voltage range [V]	125-500Vd.c.			
Input DC current [A]	13Ad.c.+13Ad.c.			
Output AC voltage [V]	230V / 50Hz			
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.



Signature

Name: Dan Chen

Position: Assistant Manager

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Additional information:

The inverter listed above may be installed with following batteries:		
Manufacturer	JV (Asia Pacific) Limited	Jiangsu Highstar Battery Manufacturing Co.,Ltd.
Battery Model	SDA10-48100	HSD 4870
Capacity of each battery module	5,12 kWh	3.584 kWh
Number of battery module recommended by the manufacturer ..	2-9	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
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	Shuangdeng Group Co., Ltd
Battery Model	L051100-A	SDA10-48100
Capacity of each battery module :	5.12 kWh	5.12 kWh
Number of battery module recommended by the manufacturer	2-9	2-9

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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
Manufacturer..... :	SUNWODA ENERGY	WeCo Srl Italia
Battery Model..... :	H4850M-P02	4K4 pro
Capacity of each battery module :	2.4 kWh	4.4 kWh
Number of battery module recommended by the manufacturer..... :	3-9	2-9
Manufacturer..... :	WeCo Srl Italia	BST POWER (SHENZHEN) LIMITED
Battery Model..... :	5K3	MD48-100
Capacity of each battery module :	5.3 kWh	4.8 kWh
Number of battery module recommended by the manufacturer..... :	2-9	2-10
Manufacturer..... :	BST POWER (SHENZHEN) LIMITED	Shanghai Dowell Technology Co., Ltd
Battery Model..... :	MD48-50	iPack C3.3
Capacity of each battery module :	2.4 kWh	3.3 kWh
Number of battery module recommended by the manufacturer..... :	2-10	2-9

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Manufacturer	Shanghai Dowell Technology Co., Ltd.	
Battery Model	iPack C5	iPack C6.5
Capacity of each battery module :	5.12 kWh	6.5 kWh
Number of battery module recommended by the manufacturer	2-9	2-9
Manufacturer	Aobo Environmental Technology Limited	
Battery Model	Uhome-LFP 2400	Uhome-LFP 5000
Capacity of each battery module :	2.4 kWh	5.0 kWh
Number of battery module recommended by the manufacturer	3-8	2-8
Manufacturer	SHENZHEN UZ ENERGY LIMITED	Shanghai Green Tech Co.,Ltd.
Battery Model	L051100-D	GTEF-48V6K-W
Capacity of each battery module :	5.12 kWh	6.2kWh
Number of battery module recommended by the manufacturer	2-9	1-10

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Manufacturer	Opal Energy Pte Ltd	
Battery Model	OPAL-48100LV-ES	
Capacity of each battery module :	4.8 kWh	
Number of battery module recommended by the manufacturer	2-9	
Note: The batteries are not integrated into the inverter and must be installed according to local regulations.		
Manufacturer	Shanghai Green Tech Co.,Ltd.	
Battery Model	GTEF-48V10K-W	GTEM-48V2500-E
Capacity of each battery module :	10.7kWh	2.5kWh
Number of battery module recommended by the manufacturer	1-10	2-10
Manufacturer	Shanghai Green Tech Co.,Ltd.	
Battery Model	GTEM-48V3600-E	GTEM-48V5500-E
Capacity of each battery module :	3.6kWh	5.5kWh
Number of battery module recommended by the manufacturer	1-10	1-10

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Manufacturer	Shanghai Green Tech Co.,Ltd.	
Battery Model	GTEM-48V7600-E	GTEM-48V5500-W
Capacity of each battery module :	7.6kWh	5.5kWh
Number of battery module recommended by the manufacturer	1-10	1-5
Manufacturer	Shanghai Green Tech Co.,Ltd.	
Battery Model	GTEM-48V8700-W	GTEM-48V15000-W
Capacity of each battery module :	8.7kWh	15.2kWh
Number of battery module recommended by the manufacturer	1-5	1-5
Manufacturer	Shanghai Green Tech Co.,Ltd.	
Battery Model	GTEM-48V10800-W	GTEM-48V15000-W-2
Capacity of each battery module :	10.8kWh	15.2kWh
Number of battery module recommended by the manufacturer	1-5	1-5

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Manufacturer	GUANGDONG SAKO NEW ENERGY CO.,LTD.	
Battery Model	SK-51.2V100AH (SK-48V100AH)	SK-51.2V200AH(SK-48V200AH)
Capacity of each battery module :	5.12kWh	10.24kWh
Number of battery module recommended by the manufacturer	1-9	1-4
Manufacturer	ShenZhen Kweight Technology Co.,Ltd.	
Battery Model	BM51-100	BM51-200
Capacity of each battery module :	5kWh	10kWh
Number of battery module recommended by the manufacturer	1-9	1-4
Manufacturer	ShenZhen Kweight Technology Co.,Ltd.	
Battery Model	BM48100	BM48200
Capacity of each battery module :	5kWh	10kWh
Number of battery module recommended by the manufacturer	1-9	1-4

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Manufacturer	Shanghai PYTES Energy Co., Ltd.	
Battery Model	E-BOX-48100R	E-BOX-48100C
Capacity of each battery module :	5.12kWh	5.12kWh
Number of battery module recommended by the manufacturer	1-8	1-8
Manufacturer	Shanghai PYTES Energy Co., Ltd.	DAQIN NEW ENERGY TECH (TAIZHOU) Co., LTD.
Battery Model	E-BOX-4850	A48100
Capacity of each battery module :	2.4kWh	4.8kWh
Number of battery module recommended by the manufacturer	1-8	1-9
Manufacturer	Shanghai Green Tech Co.,Ltd.	BYD Company Limited
Battery Model	GTEF-48V3000-E	BATTERY-BOX LV FLEX
Capacity of each battery module :	3.17kWh	5kWh
Number of battery module recommended by the manufacturer	1-10	1-9

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Manufacturer	BYD Company Limited	
Battery Model	BATTERY-BOX LV FLEX LITE	BATTERY-BOX PREMIUM LVS
Capacity of each battery module :	5kWh	4kWh
Number of battery module recommended by the manufacturer	1-9	1-6
Manufacturer	AlphaESS Co., Ltd.	
Battery Model	SMILE-BAT-10.1P	SMILE5-BAT
Capacity of each battery module :	10.1kWh	5.7kWh
Number of battery module recommended by the manufacturer	1-9	1-9
Note: The batteries are not integrated into the inverter and must be installed according to local regulations.		

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