

# Test Verification of Conformity

Verification Number: 210800564TPE-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:	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-001

Additional information in Appendix.



**Signature**

**Name: Dan Chen**

**Position: Assistant Manager**

**Date: December 17, 2021**

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## APPENDIX: Test Verification of Conformity

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

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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 .....	Dongguan PowerAmp Technology Limited	
Battery Model .....	ML33RTA	R-P48128EDB2
Capacity of each battery module :	3.3 kWh	6.5 kWh
Number of battery module recommended by the manufacturer .....	2-6	1-8
Manufacturer .....	SHENZHEN UZ ENERGY LIMITED	Dongguan PowerAmp Technology Limited
Battery Model .....	L051100-D	R-P48192EDA1
Capacity of each battery module :	5.12 kWh	9.8 kWh
Number of battery module recommended by the manufacturer .....	2-9	1-8

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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.		

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