

Test Verification of Conformity

Verification Number: 220500240TPE-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:	Opal Energy Pte Ltd. 18, Boon Lay Way #06-107 Trade Hub 21, Singapore 609966
Product Description:	Hybrid Inverter
Ratings & Principle Characteristics:	See page 2.
Models/Type References:	1) Opal-6K-1P-EU 2) Opal-5K-1P-EU 3) Opal-3.6K-1P-EU 4) Opal-3K-1P-EU
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):	220500240TPE-001

Additional information in Appendix.



Signature

Name: Dan Chen
Position: Manager
Date: 25 May, 2022

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 220500240TPE-001-VOC1

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

Ratings:	Opal-3K-1P-EU	Opal-3.6K-1P-EU	Opal-5K-1P-EU	Opal-6K-1P-EU
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	13.0Aa.c 14.3Aa.c. max	13.0Aa.c 14.3Aa.c. max	13.0Aa.c 14.3Aa.c. max
Output power(W)	3000W 3300W max.	3000W 3300W max.	3000W 3300W max.	3000W 3300W 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

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Position: Manager

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Additional information:

The inverter listed above may be installed with following batteries:	
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.	

