

Test Verification of Conformity

Verification Number: 210902250SHA-V2

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:	Dongguan Kaideng Energy Technology Co., Ltd. 4 th floor, Fuyuan business building, no. 1, Lane 13, xin'an maiyuan Road, Chang 'an town, Dongguan City, Guangdong, China.
Product Description:	Utility-Interactive Micro Inverter
Ratings & Principle Characteristics:	See Appendix (Specifications table)
Models/Type References:	See Appendix (Specifications table)
Brand Name:	KDWVC
Relevant Standards:	DIN V VDE V 0126-1-1: 2013
Verification Issuing Office Name & Address:	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Date of Tests:	2021-06-22 to 2021-08-17
Test Report Number(s):	210902250SHA-002

Additional information in Appendix.

Signature



Name: Jonny Jing
Position: Manager
Date: 2021-09-29

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 210902250SHA-V2

Manufacturer: Same as applicant

Specifications table			
Model	KDWVC-350W	KDWVC-300W	Hedy
Input:			
Vmax PV (Vdc)	60	60	100
Isc PV (absolute Max.) (A)	20	15	7
Number MPP trackers	1	1	1
Number input strings	1	1	1
Max. PV input current(A)	14	13.6	6
MPPT voltage range (Vdc)	25 to 60	25 to 60	60 to 100
Output			
Normal Voltage(V)	<input checked="" type="checkbox"/> 1/N/PE 230Vac <input type="checkbox"/> 3 ϕ /N/PE 230/400Vac		
Frequency (Hz)	<input checked="" type="checkbox"/> 50 Hz <input type="checkbox"/> 60Hz		
Current (Max. continuous) (A)	1.52	1.3	1.3
Power rating (W)	350	300	300
Power Rating (VA)	350	300	300
Power factor /rated	≥ 0.99	≥ 0.99	≥ 0.99
others			
Protective class	Class I		
Ingress protection (IP)	IP 65		
Temperature (°C)	-40°C to +50°C		
Inverter Isolation	<input type="checkbox"/> Non-isolated <input checked="" type="checkbox"/> High frequency isolated		
Oversvoltage category	OVC III (AC Main), OVC II (PV)		
Weight (kg)	0.82		
Dimensions (WxHxD) (mm)	165 x 176 x 38		

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Remark:

The products tested are incomplete in functional features or limited in performance capabilities and are intended for use and evaluation in other products. See test report for detail information.

Signature



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