

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 See Appendix (Specifications table)

Characteristics:

Models/Type References: See Appendix (Specifications table)

Brand Name: KDWVC

Relevant Standards: DIN V VDE V 0126-1-1: 2013

Verification Issuing Office

Intertek Testing Services Shanghai

Name & Address: 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

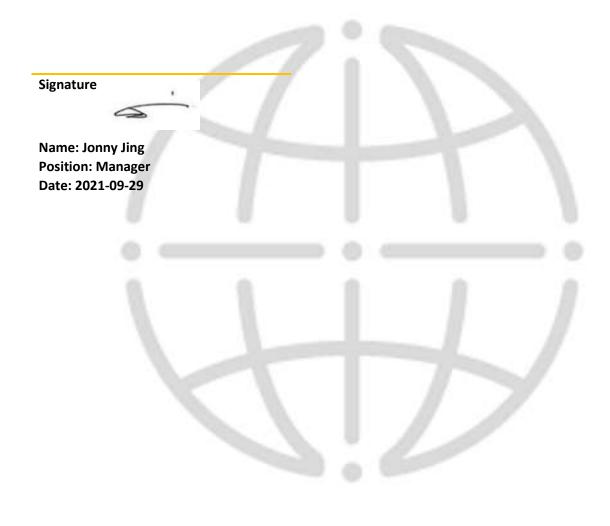
Specifications table					
Model	KDWVC-350W	KDWVC-300W	Hedy		
Input:					
Vmax PV (Vdc)	60	60	100		
Isc PV (absolute Max.) (A)	20	15	7		
Number MPP trackers	1	1	1		
Number input strings	1	1	1		
Max. PV input current(A)	14	13.6	6		
MPPT voltage range (Vdc)	25 to 60	25 to 60	60 to 100		
Output					
Normal Voltage(V)	∑1/N/PE 230Vac				
Frequency (Hz)	∑50 Hz				
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	■ Non-isolated				
Overvoltage 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.



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