

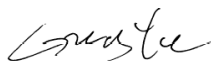
# Certificate of Conformity

Certificate Number: CN-PV-220256

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. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

<b>Applicant:</b>	Guangzhou Sanjing Electric Co., Ltd. No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong P.R. China
<b>Product:</b>	Hybrid Solar Inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	H2-5K-T2, H2-6K-T2, H2-8K-T2, H2-10K-T2
<b>Brand Name&lt;s&gt;:</b>	
<b>Product Complies with:</b>	RD647:2020 RD413:2014 UNE 217002:2020
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
<b>Test Report No.&lt;s&gt;:</b>	221031094GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye  
Date: 30 November 2022



PRD N° 306B

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220256

MODEL	H2-5K-T2	H2-6K-T2	H2-8K-T2	H2-10K-T2
DC input				
Max.PV Array power(Wp)@STC	7500	9000	12000	15000
Max.DC voltage(V)	1000			
MPPT voltage range(V)	180~900			
Start Voltage(V)	180			
Max. DC input Current(A)	15/15			
Max. DC Short Circuit Current(A)	18/18			
Number of MPPT	2			
No. Of string per MPPT	1/1			
Battery Data				
Battery Type	Lithium battery			
Battery voltage(V)	180~600			
Max.charging/discharging current(A)	30/30			
Max.charging/discharging power(W)	5000	6000	8000	10000
AC Output (on-grid)				
Rated output power(W)	5000	6000	8000	10000
Max. Outpur Power(VA)	5500	6600	8800	11000
Rated output current(A)	7.2	8.7	11.6	14.5
Max. output current (A)	8.3	10.0	13.3	16.7
Rated Output voltage(V)	220/380, 230/400, 3L/ N/PE			
Rated Grid Frequency Range(Hz)	50/60			
Power Factor (cosφ)	0.8 leading ~ 0.8 lagging			
Total Harmonic Distortion(THDi)	< 3%			
AC Output (Back-up mode)				
Rated Output Power(W)	5000	6000	8000	10000
Max. output current (A)	8.0	9.6	12.8	15.9
Rated Output voltage(V)	220/380, 230/400, 3L/ N/PE			
Rated Grid Frequency Range(Hz)	50/60			
Total Harmonic Distortion(THDi)	< 3%			
Peak Output Apparent Power(VA)	10000VA 60sec	12000VA 60sec	16000VA 60sec	16500VA 60sec
Efficiency				
Max. Efficiency	98.0%			
Euro Efficiency	97.6%			
MPPT Efficiency	> 99.9%			
Max. Batterty Charging/Discharging Efficiency	97.6%			

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