


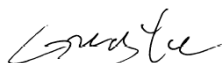
Certificate of Conformity

Certificate Number: CN-PV-220259

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.

Applicant:	Guangzhou Sanjing Electric Co., Ltd. No.9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong P.R. China
Product:	Grid-Connected PV Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	R6-15K-T2-32, R6-17K-T2-32, R6-20K-T2-32, R6-22K-T2-32, R6-25K-T2-32
Brand Name<s>:	
Product Complies with:	RD647:2020 RD413:2014 UNE 217002:2020
Certificate Issuing Office Name & Address:	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
Test Report No.<s>:	221031096GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 30 November 2022



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220259

Model list		R6-25K-T2-32	R6-22K-T2-32	R6-20K-T2-32	R6-17K-T2-32	R6-15K-T2-32
PV INPUT	VMAX PV[Vdc]	1100				
	ISC PV[A]	38.4/38.4				
	MPPT Voltage Range VMPP[Vdc]	180-1000				
	Max. Input Current IMAX [A]	32/32				
	MPPT Full Power Voltage Range [Vdc]	520-900	500-900	460-900	460-900	460-900
	Number of MPPT	2				
	String per MPPT	1/1				
	Backfeed Current [A]	0				
	Overvoltage Category[OVC]	II				
AC Side (ON-Grid)	Rated Output Voltage Ur[Vac]	3L/N/PE,230/400				
	Rated Output Frequency FNETZ [Hz]	50/60				
	Rated Output Power PE [KW]	25	22	20	17	15
	Max. Apparent power SEmax [KVA]	27.5	24.2	22	18.7	17
	Rated Output Current Ir [A]	3*36.2	3*31.9	3*29.0	3*24.6	3*21.7
	Max. Output Current Imax [A]	3*41.7	3*36.7	3*33.3	3*28.3	3*25.0
	Power Factor (cosφ)	0.8 leading ~ 0.8 lagging				
	Max. Efficiency	98.8%				
	Euro Efficiency	98.5%				
	THD [V/I](100% full power)	< 3%				
	Acoustic Noise[dB]	< 50				
	Overvoltage Category[OVC]	III				

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CONSTRUCTION	Hardware [Version]	Main Power board: V1.3; Control board: V1.0
	Firmware [Version]	V1.020
	Array Insulation Resistance Detection[Ω]	150K
	Type of inverter	Non-isolated
	Separated by	Transformerless
	Type of NS Protection	Integrated
	Protective Class	Class I
	Enclosure Protection [IP]	IP65
	Operating Temperature Range [°C]	-40°C to +60°C (45°C to 60°C with derating)
	Pollution degree [PD]	PD3
	Altitude [m]	4000m(> 3000m power derating)
	Size(H*w*d)[mm]	558*409*234
	Weight[kg]	23.7
	Remark:	

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