

CERTIFICATE OF CONFORMITY

Issued to: Guangzhou Sanjing Electric Co., Ltd.
No. 9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong,
China

For the product: Hybrid Inverter

Trade name: **SAJI**

Type/Model: CH3-75K-T6, CH3-80K-T6, CH3-99.9K-T8, CH3-100K-T8, CH3-110K-T8,
CH3-125K-T8, CH3-75K-T6-EU, CH3-80K-T6-EU, CH3-99.9K-T8-EU,
CH3-100K-T8-EU, CH3-110K-T8-EU, CH3-125K-T8-EU

Ratings: See annex

Manufactured by: Guangzhou Sanjing Electric Co., Ltd.
No. 9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong,
China

Factory: Guangzhou Sanjing Electric Co., Ltd.
No. 9, Lizhishan Road, Science City, Guangzhou High-tech Zone, Guangdong,
China

Requirements: IEC 61727:2004
IEC 62116:2014

Type of product certification scheme: Type 1a (Type approval)

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 4958736.50.

The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 16 July 2031 or expires upon withdrawal of one of the above-mentioned standards.

Shanghai, 16 July 2026

Number: 4958736.01COC

DEKRA Testing and Certification (Shanghai) Ltd.



Rosa Zhou
Certification Manager

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ESA-CER-F021 v4.1

Ratings of the testing unit:

Model	CH3-75K-T6, CH3-75K-T6-EU	CH3-80K-T6, CH3-80K-T6-EU	CH3-99.9K-T8, CH3-99.9K-T8-EU
PV Input			
Max. PV power [kW]	150.0	160.0	200.0
Max. input voltage [Vd.c.]	1500(without-EU), 1250(with-EU)		
MPPT voltage range [Vd.c.]	300 – 1500 (without-EU), 300 – 1250 (with-EU)		
Nominal DC input voltage [Vd.c.]	1050		
Max. input current [Vd.c.]	40*6	40*6	40*8
Max. short-circuit current [Ad.c.]	55*6	55*6	55*8
Battery			
Battery Type	LiFePO4		
Battery Voltage Range [Vd.c.]	750-950		
Max. charging current [Ad.c.]	200	200	200
Max. discharging current [Ad.c.]	200	200	200
Max. charging power [kW]	75.0	80.0	99.9
Max. discharging power [kW]	75.0	80.0	99.9
AC Output			
Rated output power [kW]	75.0	80.0	99.9
Max. apparent power [kVA]	75.0	80.0	99.9
Rated. output current [Aa.c.]	108.3	115.5	144.2
Max. output current [Aa.c.]	114.0	121.6	151.7
Rated output voltage [Va,c.]	3L+N+PE, 230/400V		
Rated AC grid frequency [Hz]	50/60		
Adjustable power factor	1 leading to 1 lagging		
AC Input			
Rated input voltage [Va.c.]	3L+N+PE, 230/400V		
Max. input current [Aa.c.]	114.0	121.6	151.7
Max. input Power [kW]	75.0	80.0	99.9
Backup output			
Rated output voltage [Va.c.]	3L+N+PE, 230/400V		
Rated AC grid frequency [Hz]	50/60		
Max. apparent power [kVA]	75.0	80.0	99.9
Max. output current [Aa.c.]	114.0	121.6	151.7
Adjustable power factor	1 leading to 1 lagging		
General Data			
Protective Class	Class I		
Inverter Topology:	Non-isolated		
Operating temperature range	-30°C to +60°C (45°C to 60°C with derating)		
Degree of protection	IP66		

Model	CH3-100K-T8, CH3-100K-T8-EU	CH3-110K-T8, CH3-110K-T8-EU	CH3-125K-T8, CH3-125K-T8-EU
PV Input			
Max. PV power [kW]	200.0	220.0	250.0
Max. input voltage [Vd.c.]	1500(without-EU), 1250(with-EU)		
MPPT voltage range [Vd.c.]	300 – 1500 (without-EU), 300 – 1250 (with-EU)		
Nominal DC input voltage [Vd.c.]	1050		
Max. input current [Vd.c.]	40*8	40*8	40*8
Max. short-circuit current [Ad.c.]	55*8	55*8	55*8
Battery			
Battery Type	LiFePo4		
Battery Voltage Range [Vd.c.]	750-950		
Max. charging current [Ad.c.]	200	200	200
Max. discharging current [Ad.c.]	200	200	200
Max. charging power [kW]	100.0	110.0	125.0
Max. discharging power [kW]	100.0	110.0	125.0
AC Output			
Rated output power [kW]	100.0	110.0	125.0
Max. apparent power [kVA]	100.0	110.0	125.0
Rated. output current [Aa.c.]	144.3	158.7	180.4
Max. output current [Aa.c.]	151.9	167.1	189.9
Rated output voltage [Va,c.]	3L+N+PE, 230/400V		
Rated AC grid frequency [Hz]	50/60		
Adjustable power factor	1 leading to 1 lagging		
AC Input			
Rated input voltage [Va.c.]	3L+N+PE, 230/400V		
Max. input current [Aa.c.]	151.9	167.1	189.9
Max. input Power [kW]	100.0	110.0	125.0
Backup output			
Rated output voltage [Va.c.]	3L+N+PE, 230/400V		
Rated AC grid frequency [Hz]	50/60		
Max. apparent power [kVA]	100.0	110.0	125.0
Max. output current [Aa.c.]	151.9	167.1	189.9
Adjustable power factor	1 leading to 1 lagging		
General Data			
Protective Class	Class I		
Inverter Topology:	Non-isolated		
Operating temperature range	-30°C to +60°C (45°C to 60°C with derating)		
Degree of protection	IP66		

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