

Certificate Number: AZ 69028043

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-028043-E

TÜV Rheinland Australia Pty Ltd "Electrical Product Safety Certification (EPSC) Scheme", accredited by JAS-ANZ in accordance with ISO/IEC 17065, has issued this certificate under JAS-ANZ accreditation. The electrical equipment described hereunder has been evaluated and found to be electrically safe at the time of certification and met the minimum safety requirements contained in Australian Standard AS/NZS 3820 as of current. It is a requirement that all equipment supplied under this certificate shall be identical to the equipment as certified. The certificate holder may affix the above mentioned authorised marking on the product.

CERTIFICATE HOLDER:

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

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Grid-Connected PV inverter

Trade Name / Manufacturer:

SAJ

Model Number:

C6-75K-T6-40 , C6-99K-T9-40 , C6-100K-T9-40 ,
C6-110K-T12-40 , C6-125K-T12-40

Ratings:

Ratings refer to Continuation Sheet 1 for details.

Standard:

IEC 62109-2:2011
IEC 62109-1:2010
AS/NZS 4777.2:2020+A1

Issue Date:

11/06/2024

Expiry Date:

11/06/2029

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read 'Daniel Ngo'.

Daniel Ngo



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CONTINUATION SHEET 1

Description of Equipment

Ratings:

For all models:

Protection: Class I, IP66, PD 2(Inside), PD 3 (Outside)

Operating Temp.: -30°C to 60°C (up 45°C de-rating)

Overvoltage Category (OVC): DC input: II; AC Output: III

Inverter topology: Non-isolated

Firmware Version: V0.082

PV Input:

VDC max: 1100Vdc.,

IDC max: 6x40, 9x40, 9x40, 12x40, 12x40A,

Isc PV: 6x50, 9x50, 9x50, 12x50, 12x50A

AC Output (On-Grid):

Output voltage: 3L+N+PE, 230/400V

Output frequency: 50/60Hz,

Max / Rated Output Power: 75, 99.999, 100, 110, 125kW,

Max / Rated Output Apparent Power: 75, 99.999, 100, 110,

125kVA,

Max / Rated Output current: 108.3, 144.3, 144.3, 158.8,

180.4A,

Power factor: 0.8 leading to 0.8 lagging.

Issue Date: 11/06/2024

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