

**Certificate Number:** AZ 69024795

Page: 0001



## CERTIFICATE OF SUITABILITY

Authorised marking: TUV024795E

*This is to certify that TÜV Rheinland Australia Pty Ltd as accredited by JAS-ANZ in accordance with ISO/IEC Guide 65 has examined for compliance with certification standards, the electrical equipment described hereunder and authorises the certificate holder to affix the above mentioned mark to products of the same type; or the Regulatory Compliance Mark (RCM) provided that the requirements of all relevant parts of AS/NZS 4417 applicable to the article are fulfilled*

### CERTIFICATE HOLDER:

Canadian Solar Inc.  
545 Speedvale Ave West  
Guelph, Ontario N1K 1E6  
Canada

### DESCRIPTION OF EQUIPMENT

**Declared class:**

Non-declared

**Product:**

Grid-connected PV Inverter

**Trade Name / Manufacturer:**

CanadianSolar

**Model Number:**

CSI-5K-S22002-E

**Ratings:**

(Ratings info refer to CONTINUATION SHEET 1)  
Remarks: Additional assessment to AS/NZS 4777.2:2015 appendix G for short duration undervoltage response test.

**Standard:**

AS/NZS 4777.2:2015  
IEC 62109-1:2010  
IEC 62109-2:2011

**Issue Date:**

23/12/2020

**Expiry Date:**

23/12/2025

*Signed for and on behalf of TÜV Rheinland Australia Pty Ltd*

A handwritten signature in blue ink, appearing to read 'Grant Li', positioned above a horizontal line.

Grant Li



Acc. No. Z2870404AA  
[www.jas-anz.org/register](http://www.jas-anz.org/register)

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Page: 0002



## CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

Input:

VDC max: 600Vd.c., VDC MPPT: 100-550Vd.c.,

IDC max: 12/12Ad.c.,

Output:

Output voltage: 230Va.c. L/N/PE., 50Hz, single-phase,

Rated AC Power: 5000VA @45°C amb,

IAC max.: 21.7Aa.c.

Power factor: >0.99 (0.8 leading...0.8 lagging), Class I,

IP65, PDIII,

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

Operating Temp.: -25°C to 60°C (>45°C derating),

**TÜV Rheinland**

Issue Date: 23/12/2020

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