



A P P R O V A L S ®

## Certificate of Suitability

**Certificate No.:** SAA210699

**Certificate Holder:** Shenzhen SOFARSOLAR Co., Ltd.  
11/F., Gaoxinqi Technology Building,  
No.67 Area, Xingdong Community,  
Xin'an Sub-district, Bao'an District,  
Shenzhen City,  
P.R. China

**Regulatory Definition:** Non-Prescribed

**Product Description:** Solar Grid-tied Inverter

**Standard/s:** AS/NZS 4777.2:2020 Inc A1  
IEC 62109-1 Ed. 1.0  
IEC 62109-2 Ed. 1.0

**Condition/s:** Nil

**Approval Marks:** RCM (In accordance with AS/NZS 4417 and EESS requirements)  
and  
SAA210699

**Initial Issue Date:** 3 May 2021

**Expiry Date:** 3 May 2026

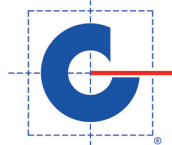
For and on Behalf of  
SAA Approvals Pty Ltd

This certificate is issued by SAA Approvals Pty Ltd in accordance with the SAA Approvals Electrical Product Safety Certification Scheme accredited by JAS-ANZ under AS/NZS ISO/IEC 17065 and RECS accreditation under the Queensland Government legislative requirements. SAA certifies the product nominated in this certificate complies with standard/s listed above in accordance with the schemes herein.

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# Certificate of Suitability

Model	Trade Name	Rating/Marking
SOFAR 6KTLM-G3	SOFARSOLAR	PV Input Ratings: Vmax PV: 600Vdc MPPT Voltage: 80-550Vdc Current: 2x15A Isc PV: 2x22.5A  Grid Output Ratings: 230V~ 50/60Hz 29A Max 6000W 0.8 to 0.8p.f. Rated Apparent Power: 6000VA Rated Output Current: 27.3A  Protective Class: I Over Voltage Category: DC II, AC III Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -30°C to 60°C Software Version: V000001
SOFAR 3KTLM-G3	SOFARSOLAR	PV Input Ratings: Vmax PV: 600Vdc MPPT Voltage: 80-550Vdc Current: 2x15A Isc PV: 2x22.5A  Grid Output Ratings: 230V~ 50/60Hz 15A Max 3000W 0.8 to 0.8p.f. Rated Apparent Power: 3000VA Rated Output Current: 13.6A  Protective Class: I Over Voltage Category: DC II, AC III Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -30°C to 60°C Software Version: V000001

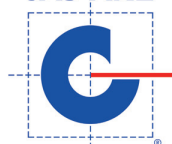
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Model	Trade Name	Rating/Marking
SOFAR 3.6KTLM-G3	SOFARSOLAR	PV Input Ratings: Vmax PV: 600Vdc MPPT Voltage: 80-550Vdc Current: 2x15A Isc PV: 2x22.5A  Grid Output Ratings: 230V~ 50/60Hz 16A Max 3680W 0.8 to 0.8p.f. Rated Apparent Power: 3680VA Rated Output Current: 16A  Protective Class: I Over Voltage Category: DC II, AC III Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -30°C to 60°C Software Version: V000001
SOFAR 4KTLM-G3	SOFARSOLAR	PV Input Ratings: Vmax PV: 600Vdc MPPT Voltage: 80-550Vdc Current: 2x15A Isc PV: 2x22.5A  Grid Output Ratings: 230V~ 50/60Hz 20A Max 4000W 0.8 to 0.8p.f. Rated Apparent Power: 4000VA Rated Output Current: 18.2A  Protective Class: I Over Voltage Category: DC II, AC III Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -30°C to 60°C Software Version: V000001

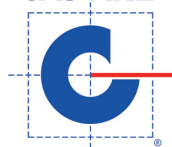
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SOFAR 4.6KTLM-G3	SOFARSOLAR	PV Input Ratings: Vmax PV: 600Vdc MPPT Voltage: 80-550Vdc Current: 2x15A Isc PV: 2x22.5A  Grid Output Ratings: 230V~ 50/60Hz 23A Max 4600W 0.8 to 0.8p.f. Rated Apparent Power: 4600VA Rated Output Current: 21A  Protective Class: I Over Voltage Category: DC II, AC III Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -30°C to 60°C Software Version: V000001
SOFAR 5KTLM-G3	SOFARSOLAR	PV Input Ratings: Vmax PV: 600Vdc MPPT Voltage: 80-550Vdc Current: 2x15A Isc PV: 2x22.5A  Grid Output Ratings: 230V~ 50/60Hz 25A Max 5000W 0.8 to 0.8p.f. Rated Apparent Power: 5000VA Rated Output Current: 22.7A  Protective Class: I Over Voltage Category: DC II, AC III Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -30°C to 60°C Software Version: V000001

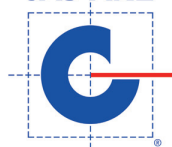
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## Certificate of Suitability

Model	Trade Name	Rating/Marking
SOFAR 5KTLM-G3-A	SOFARSOLAR	<p>PV Input Ratings: Vmax PV: 600Vdc MPPT Voltage: 80-550Vdc Current: 2x15A Isc PV: 2x22.5A</p> <p>Grid Output Ratings: 230V~ 50/60Hz 21.7A Max 5000W 0.8 to 0.8p.f. Rated Apparent Power: 5000VA Rated Output Current: 21.7A</p> <p>Protective Class: I Over Voltage Category: DC II, AC III Topology: Non-isolated Ingress Protection: IP65 Operating Temperature Range: -30°C to 60°C Software Version: V000001</p>

A blue ink signature, likely of a representative of SAA Approvals, written over a horizontal line.

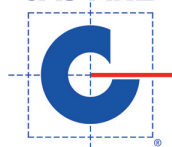
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