



A P P R O V A L S ®

Certificate of Suitability

Certificate No.: SAA192424

Certificate Holder: Shanghai Sermatec Energy Technology Co.,Ltd.
Room 601-602, Block A, No.399,
ZhongRen Road, JiaDing District,
ShangHai
P.R. China

Class Description: Non-Prescribed
Product Description: Hybrid Inverter
Trade Name: Sermatec
Model No.: SMT-5K-TL-LV
Markings: PV terminal: MPPT voltage range: 125-550Vdc,
Max 580Vdc, Max 11A/11A, Isc: 14A/14A
Load terminal: 230V~ 50Hz Max 22.8A, 4600VA
Grid terminal: 230V~ 50Hz 21.7A, Max 22.7A, 5000VA
Battery: 48Vdc, Li-ion, 40-58Vdc,
Max charging: 70A/4200W,
Max discharging: 100A/4600W
-25°C to +60°C, IP65, Class I

Standard: IEC 62109-1 Ed. 1.0
IEC 62109-2 Ed. 1.0
AS/NZS 4777.2:2015
AS 62040.1.1:2003

Conditions: Nil

Certification Mark: RCM and SAA192424

Date First Registered: 12 September 2019
Date of Expiry: 12 September 2024

For and on Behalf of
SAA Approvals Pty Ltd

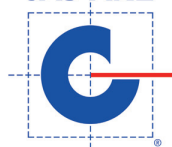
SAA Approvals Pty Ltd as accredited by JAS-ANZ under ISO/IEC 17065 and declared a RECS under *Old Electrical Safety Act 2002 and Electrical Safety Regulations 2013* certifies in accordance with the SAA Approvals Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standard/s listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

For SAA Contact Details and to verify this Certificate go to:

www.saaapprovals.com.au

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