

CERTIFICATE OF SUITABILITY

Authorised marking: TUV-028685-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 complied with the standard(s) listed below in accordance with the scheme herein 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.

CERTIFICATE HOLDER: Wuxi Solinteg Power Co., Ltd.
Building H1-1001,
No. 6 Jingxian Road,
Xinwu District, Wuxi,
214135 Jiangsu
P.R. China

DESCRIPTION OF ELECTRICAL EQUIPMENT

Declared class: Non-declared
Product: Hybrid Inverter
Trade Name /
Manufacturer: SOLINTEG
Model Number: M2HT-25K-150 , M2HT-29.9K-150 , M2HT-30K-150 ,
M2HT-40K-150 , M2HT-50K-150
Ratings: Ratings refer to Continuation Sheet 1 for details
Condition(s): N/A
Standard: AS/NZS 4777.2:2020+A1:2021+A2:2024
IEC 62109-2:2011
IEC 62109-1:2010

Issue Date: 07-10-2025
Expiry Date: 07-10-2030

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd



Rafeeqe Mohamed

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CONTINUATION SHEET 1

General:

Protection: Class I, IP66, PD 2 Internal; PD 3 External

Operating Temp.: -30°C to 60° for discharge and charge

Overvoltage Category (OVC): II(PV+Battery), III(Mains)

Inverter topology: Non-Isolated

For models of M2HT-25K-150, M2HT-29.9K-150, M2HT-30K-150, M2HT-40K-150, M2HT-50K-150

DC Side:

Battery Voltage Range: 150-840V d.c.

Battery Max Charge/Discharge current: 150A d.c.

V_{max}: 1000Vdc

V_{MPP}: 200-950Vdc

I_{sc}: 50/50/50/50A

I_{msx}: 40/40/40/40A

AC Side:

Rated Output voltage: 230/400V a.c. (3L/N/PE)

Max current: 37.9, 45.3, 45.5, 60.6, 75.8A a.c.

Rated current: 36.2, 43.3, 43.5, 58.0, 72.5A a.c.

Rated frequency: 50/60Hz,

Rated AC Power: 25, 29.9, 30, 40, 50kW

Rated AC apparent Power: 25, 29.9, 30, 40, 50kVA

Max. AC apparent Power: 25, 29.9, 30, 40, 50kVA

Power factor: -0.8 ~ 0.8

Off-grid Side:

Rated AC Power: 25, 29.9, 30, 40, 50kW

Rated AC apparent Power: 25, 29.9, 30, 40, 50kVA

Max. AC apparent Power: 25, 29.9, 30, 40, 50kVA

Rated current: 36.2, 43.3, 43.5, 58.0, 72.5A a.c.

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