

Certificate Number: AZ 69027187

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-027187-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:

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

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Hybrid Inverter

Trade Name / Manufacturer:

Solinteg

Model Number:

MHS-3K-30 , MHS-3.6K-30 , MHS-4.2K-30
MHS-5K-30 , MHS-6K-30 , MHS-8K-30

Ratings:

Ratings refer to Continuation Sheets 1 to 2 for details

Standard:

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

Issue Date:

25/07/2023

Expiry Date:

25/07/2028

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read "Grant Li".

Grant Li



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CONTINUATION SHEET 1

Description of Equipment

Ratings:

Protection: Class I, IP65, PD 2(Inside), PD 3 (Outside)

Operating Temp.: -30°C to 60°C (>45°C derating),

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

PV Input:

VDC max: 600 Vd.c.,

VDC MPPT: 100 - 550Vd.c.,

IDC max: 15A, 15A, 15/15A, 15/15A, 15/15A, 15/15A

Isc PV: 20A, 20A, 20/20A, 20/20A, 20/20A, 20/20A

Battery input:

Battery Type: Li-ion

Rated voltage: 360Vdc

Battery voltage range: 85- 450Vdc

Max charging / discharging current: 30/30A

Issue Date: 25/07/2023

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Grant Li



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CONTINUATION SHEET 2

Description of Equipment

Output:

Output voltage: 230V, single phase

Output frequency: 50Hz,

Rated Output Power: 3000W; 3600W, 4200W, 5000W, 6000W, 8000W

Rated Output Apparent Power: 3000VA 3600VA, 4200VA, 5000VA,
6000VA, 8000VA

Max Output Apparent Power: 3300VA; 3960VA, 4600VA, 5500VA,
6600VA, 8000VA

Max / Rated output current: 15.0A, 18.0A, 21.0A, 25.0A, 28.7,
36.3A

Power factor: 0.8 leading to 0.8 lagging,

EPS output: 230V, single phase

Rated output frequency: 50Hz,

Rated Output Power: 3000W; 3600W, 4200W, 5000W, 6000W, 8000W

Max output current: 15.0A, 18.0A, 21.0A, 25.0A, 28.7A, 36.3A

Issue Date: 25/07/2023

Expiry Date: 25/07/2028

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