

Certificate Number: AZ 69027294

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-027294-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:

GD Midea Heating & Ventilating
Equipment Co., Ltd.
Penglai Industry Road, Beijiao, Shunde
Foshan
528311 Guangdong
P.R. China

DESCRIPTION OF EQUIPMENT

Declared class:	Non-declared
Product:	ESS Inverter
Trade Name / Manufacturer:	Midea
Model Number:	ME-HS4K6L-A , ME-HS5L-A , ME-HS6L-A
Ratings:	Refer to CONTINUATION SHEET 1-2
Standard:	IEC 62109-2:2011 IEC 62109-1:2010 AS/NZS 4777.2:2020+A1
Issue Date:	31/07/2023
Expiry Date:	31/07/2028

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

Grant Li



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Model: ME-HS4K6L-A , ME-HS5L-A , ME-HS6L-A

Vmax PV: 550Vdc

MPPT Voltage Range: 90V-520Vdc

Max. Input Current: 15Adc*2;

Max. Short Circuit Current: 20Adc*2;

Overvoltage Category (OVC): II for PV

Battery Input voltage range: 40-60Vdc

Battery Max. Charge/Discharge current: 120Adc, 120Adc, 120Adc

Overvoltage Category (OVC): II for DC

AC OUTPUT (ON-GRID)

Output Rated Voltage: 220/230Vac (L+N+PE);

Rated Frequency: 50/60Hz;

Rated Output Current: 20Aac, 21.7Aac, 26Aac

Max. Continuous Current: 22Aac, 25Aac, 27.2Aac

Rated Apparent Power: 4600VA, 5000VA, 6000VA

Max. Apparent Power: 4600VA, 5500VA, 6000VA

Issue Date: 31/07/2023

Expiry Date: 31/07/2028

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

AC OUTPUT (OFF-GRID)

Output Rated Voltage: 230Vac (L+N+PE);

Rated Frequency: 50/60Hz;

Rated Output Current: 20Aac, 21.7Aac, 26Aac

Rated Apparent Power: 4600VA, 5000VA, 6000VA

Power Factor: 0.8 leading ~0.8lagging

Overvoltage Category (OVC): III for AC mains

Protective Class: Class I

Ingress Protection (IP): IP65

Pollution Degree (PD): PD3

Altitude[m]: 4000

Operating Temperature [°C]: -25 to 60 (> 45 derating)

Type of Inverter: Non-isolated

TÜV Rheinland

Issue Date: 31/07/2023

Expiry Date: 31/07/2028

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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