

Certificate Number: AZ 69027874

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-027874-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:

Langfang IN-Power Electric Co., Ltd.
No.68 Lotus Rd,Economic & Technical
Development Zone
Langfang,
065001 Hebei
P.R. China

DESCRIPTION OF EQUIPMENT

Declared class: Non-declared
Product: Storage Power Conversion System
Trade Name / Manufacturer: IN-Power
Model Number: INPPCS-100/0.4-W-14-C1-OS , INPPCS-100/0.4-W-24-C1-OS
Ratings: Ratings refer to CONTINUATION SHEET 1 for details;
Remark: The product is built-in type and additional
assessment shall be performed in final installation.
Standard: AS/NZS 4777.2:2020+A1
IEC 62109-1:2010
IEC 62109-2:2011
IEC 62477-1:2012+A1
Issue Date: 12/03/2024
Expiry Date: 12/03/2029

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

Protection: Class I, IP20, PD2,
Operating Temp.: -25°C to 60°C (>45 derating)
Overvoltage Category (OVC): DC side: II; Grid Output: III
Type of Inverter: Non-isolated

Battery Input:

Battery type: Li-ion or lead-acid Battery
Voltage range: 630-900Vdc,
Current max: 175A

Output on grid:

Output voltage/frequency: 3L/N/PE, 400 /230, 50/60Hz
Power factor: -0.99+0.99, At nominal Power
Rated Output Power: 100kW
Max /Rated Output Apparent Power: 100kVA,
Max Output Current: 160Aa.c.

Output off-grid:

Output voltage/frequency: 3L/N/PE, 400 /230, 50/60Hz
Max /Rated Output Apparent Power: 100kVA,
Max Output Current: 160Aa.c.

Issue Date: 12/03/2024

Expiry Date: 12/03/2029

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