

Certificate Number: AZ 69024921

Page: 0001



CERTIFICATE OF SUITABILITY

Authorised marking: TUV024921E

This is to certify that TÜV Rheinland Australia Pty Ltd as accredited by JAS-ANZ in accordance with ISO/IEC Guide 65 has examined for compliance with certification standards, the electrical equipment described hereunder and authorises the certificate holder to affix the above mentioned mark to products of the same type; or the Regulatory Compliance Mark (RCM) provided that the requirements of all relevant parts of AS/NZS 4417 applicable to the article are fulfilled

CERTIFICATE HOLDER:

RedEarth Energy Storage Ltd
15 Fienta Place Darra Brisbane
Queensland 4076
Australia

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Inverter Charger

Trade Name / Manufacturer:

SurePower

Model Number:

Surepower 5000

Ratings:

(Ratings info refer to CONTINUATION SHEET 1).

Standard:

IEC 62109-1:2010
IEC 62109-2:2011

Issue Date:

18/03/2021

Expiry Date:

18/03/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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

Grant Li



Acc. No. Z2870404AA
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Certificate Number: AZ 69024921

Page: 0002



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

Inverter mode:

Rated power: 5000VA / 5000W,

DC input: 48V dc 118A

AC output voltage: 230Va.c, 50/60Hz, 22A, single-phase,

AC charger mode:

AC input: 230V ac, 50/60HZ, 35A, single phase,

DC output: 54V dc, 60A max, default 30A,

AC output voltage: 230Va.c, 50/60Hz, 22A, single-phase,

Power factor: 1,

THD (100% full power): <10%

Solar charger mode:

Rated power: 5000W,

Nominal operating voltage: 320Vdc,

Solar voltage: 500V dc max,

MPPT voltage range: 120-450V dc,

Input current 18A, PV Isc: 22.5A

Operating temperature range: -10~50°C, Class I

Overvoltage Category (OVC): PV input: II; Grid: III

Pollution degree (PD): PD 2, Altitude [m] ≤ 2000

Issue Date: 18/03/2021

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