

TÜV Rheinland Australia Pty Ltd

To: Certificate Holder / Applicant

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

23-April-2021

Letter for CEC requirement for Certificate of Suitability
(Cert. No. / Authorised Marking: AZ 69025052 / TUV025052E)

To whom it may concern:

Please be informed that below are the details pertaining to the relevant Certificate.

Description	AS/NZS 60950.1:2015
Test Report number	AU21221T 001
Date of issue	01.04.2021
Test Laboratory	TÜV Rheinland Australia Pty. Ltd.

If you have any enquiry, please do not hesitate to contact us.

Yours sincerely,



Grant Li
Certifier
Products
TÜV Rheinland Australia Pty. Ltd.



Ref. Certif. No.

JPTUV-117398

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

LITHIUM-ION BATTERY

Name and address of the applicant

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

Name and address of the manufacturer

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

Name and address of the factory

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

Ratings and principal characteristics

51.2 Vdc, 79.8 Ah

Trademark (if any)

RedEarth

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

TROPPO-4841

Additional information (if necessary may also be reported on page 2)

A sample of the product was tested and found to be in conformity with

IEC 62619:2017
See Test Report for National Differences

As shown in the Test Report Ref. No. which forms part of this Certificate

60415331 001

This CB Test Certificate is issued by the National Certification Body



TÜV Rheinland Japan Ltd.
Global Technology Assessment Center
4-25-2 Kita-Yamata, Tsuzuki-ku
Yokohama 224-0021, Japan
Phone + 81 45 914-3888
Fax + 81 45 914-3354
Mail: info@jpn.tuv.com
Web : www.tuv.com

Date: 2021-01-04

Signature: A. Chen

10061 CB 06/20/91K

Certificate Number: AZ 69025052

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV025052E

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:

Battery

Trade Name / Manufacturer:

RedEARTH

Model Number:

Tropo-4841 , Tropo-4841-Ultra

Ratings:

Ratings refer to CONTINUATION SHEET 1

Standard:

AS/NZS 60950.1:2015

Issue Date:

23/04/2021

Expiry Date:

23/04/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read 'Grant Li', positioned above a horizontal line.

Grant Li



Acc. No. Z2870404AA
www.jas-anz.org/register

Certificate Number: AZ 69025052

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV025052E

CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

Voltage and power: 51.2V dc, 4.1 kWh (79.8Ah),
Current for charging and discharging: 40 A dc,
Maximum current 63A, limited by MCB,
Power max 3kW per battery, limited by 63A dc MCB,
Charging voltage: 56V dc
Battery type: LiFeP04 (LFP)
Operating temperature (battery cell protected by BWS
Charging: 0 ~ 45°C, Discharging: -20~60°C
Operating voltage range: 48V to 56V dc

Issue Date: 23/04/2021

Expiry Date: 23/04/2026

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read 'Grant Li', positioned above a horizontal line.

Grant Li



Acc. No. Z2870404AA
www.jas-anz.org/register

RedEarth Energy Storage Ltd
Jeremy Whaley
Head of R&D and Engineering
15 Fienta Place Darra Brisbane
Queensland 4076
Australia

Date : 23.04.2021
Our ref. : AU1
Your ref.:

Ref : AZ JAS-ANZ accredited certificate

Type of Equipment : Battery
Model Designation : See Certificate
Certificate No. : AZ 69025052 0001

Dear Jeremy Whaley,

The above specified technical equipment has been certified and found to be in accordance with the relevant requirements.

Enclosed you will find the Certificate of Suitability in respect to your application received.

The Authorised Marking is specified in the certificate.

The Regulatory Compliance Mark (RCM) may shall be marked on the product providing that the requirements of all relevant parts of AS/NZS 4417 applicable to the article are fulfilled.

Please be advised that should the electrical equipment be modified, you are required to notify us and apply for a modification of the certificate.

We appreciate your kind support and would like to offer our assistance and continuous services in the future. Please contact our office for approval of your new products.

With kind regards,

Certification Body



Grant Li
Enclosure