

Certificate Number: AZ 69023790

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV023790E

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 Pty Ltd
15 Fienta Place
Darra QLD 4076
Australia

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Battery energy storage system

Trade Name / Manufacturer:

RedEarth / Red Earth Energy Storage Pty

Model Number:

SRS-503 , SRS-506 , SRS-509 , SRS-512 , SRS-518 ,
SRS-524 , SRS-603 , SRS-605 , SRS-608 , SRS-610

Ratings:

AC input and output: 230 V a.c., single-phase, 50 Hz,
Max power(output): 4990W/5000 VA, Max power(input): 3000W,
PV input: Max input voltage 600V d.c.
Max input current: 2x11A, Isc:2x12A
Class I, IP43, Ambient temperature: -25°C to +40°C
(Further info refer to CONTINUATION SHEET 1-2).

Standard:

IEC 62109-1:2010
IEC 62109-2:2011
AS/NZS 4777.2:2015
AS/NZS 60950.1:2015

Issue Date:

09/10/2019

Expiry Date:

09/10/2024

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



Acc. No. Z2870404AA
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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

For all models

AC Output/Input :

Max current (output): 21.7 A, Max current(input): 13 A,

Power factor (cos ϕ): 0.8 lead.....0.8 lag:

EPS output (Emergency load)

Rated AC voltage/frequency: 230 V/50 Hz

Inverter AC output uses STB5K-20 back-up box to change from supplying grid to emergency load

Input PV:

MPP voltage range: 125Vdc-600 V d.c., Max current: 13 A

Available DRM: DRM0, DRM1, DRM4, DRM5, DRM6, DRM7, DRM8

Max power(battery): 3000 W / 3000 VA

Battery capacities

Model number: SRS-503, LG, 3.3 kWh

Model number: SRS-506, LG, 6.5 kWh

Model number: SRS-509, LG, 9.9 kWh

Model number: SRS-512, LG, 13 kWh

Model number: SRS-518, LG, 18 kWh

Model number: SRS-524, LG, 24 kWh

Model number: SRS-603, BYD, 2.5 kwh

Issue Date: 09/10/2019

Expiry Date: 09/10/2024

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Battery capacities

Model number: SRS-605, BYD, 5 kWh

Model number: SRS-608, BYD, 7.5 kWh

Model number: SRS-610, BYD, 10 kWh

All batteries: Lithium Ion

Issue Date: 09/10/2019

Expiry Date: 09/10/2024

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TÜV Rheinland

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