

Certificate Number: AZ 69028353

Page: 0001



CERTIFICATE OF SUITABILITY

Authorised marking: TUV028353E

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:

CET Australia Pty Ltd
Level 7 - Suite 5, 18-20 Orion Road,
Lane Cove NSW 2066
Australia

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Hybrid Sierra System

Trade Name / Manufacturer:

a) CET Power Solutions India Pvt Ltd b) CE+T SA Belgium

Model Number:

For then model details refer to Continuation Sheet 1

Ratings:

Ratings refer to Continuation Sheet 1 to 4 for details
Remark: The products are not suitable for New Zealand.

Standard:

AS/NZS 4777.2:2020+A1
IEC 62109-1:2010
IEC 62109-2:2011
IEC 62477-1:2012+A1

Issue Date:

04/04/2025

Expiry Date:

04/04/2030

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read "John Wang".

John Wang



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

Certificate Number: AZ 69028353

Page: 0002



CERTIFICATE OF SUITABILITY

Authorised marking: TUV028353E

CONTINUATION SHEET 1

Description of Equipment

Model Number:

Hybrid Sierra System 48 VDC / 18 kVA,
Hybrid Sierra System 48 VDC / 27 kVA,
Hybrid Sierra System 48 VDC / 36 kVA,
Hybrid Sierra System 48 VDC / 45 kVA,
Hybrid Sierra System 48 VDC / 54 kVA,
Hybrid Sierra System 48 VDC / 63 kVA,
Hybrid Sierra System 48 VDC / 72 kVA,
Hybrid Sierra System 48 VDC / 81 kVA,
Hybrid Sierra System 48 VDC / 90 kVA,

Ratings:

For all models of invertors:

Protection: Class I, IP20, PD2,

Operating Temp.: -20°C to 40°C

Overvoltage Category (OVC): Battery: II; Grid Output: II

Issue Date: 04/04/2025

Expiry Date: 04/04/2030

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read "John Wang".

John Wang



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

Certificate Number: AZ 69028353

Page: 0003



CERTIFICATE OF SUITABILITY

Authorised marking: TUV028353E

CONTINUATION SHEET 2

Description of Equipment

For model: Hybrid Sierra System 48 VDC / 18 kVA,
Hybrid Sierra System 48 VDC / 27 kVA,
Hybrid Sierra System 48 VDC / 36 kVA,

Battery Input:

Voltage range: 32 – 63Vdc,
Rated Voltage: 48Vdc,
Charging current: 300, 450, 600A,
Discharging current: 326, 490, 653A

Grid Output Port:

Output voltage/frequency: 3x230/400Vac +N+PE, 50Hz,
Rated Output Power: 14.4, 21.6, 28.8kW
Rated Output Apparent Power: 14.4, 21.6, 28.8kVA
Rated Output Current: 20.9, 31.3, 41.7A
Power Factor: 1

AC stand-alone port:

Output voltage/frequency: 3x230/400Vac +N, 50Hz,
Rated Output Power: 14.4, 21.6, 28.8kW
Rated Output Apparent Power: 18.0, 27.0, 36.0kVA
Rated Output Current: 26.1, 39.1, 52.2A
Power Factor: 0.8

Issue Date: 04/04/2025

Expiry Date: 04/04/2030

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read "John Wang".

John Wang



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

Certificate Number: AZ 69028353

Page: 0004



CERTIFICATE OF SUITABILITY

Authorised marking: TUV028353E

CONTINUATION SHEET 3

Description of Equipment

For model: Hybrid Sierra System 48 VDC / 45 kVA,
Hybrid Sierra System 48 VDC / 54 kVA,
Hybrid Sierra System 48 VDC / 63 kVA

Battery Input:

Voltage range: 32 – 63Vdc,

Rated Voltage: 48Vdc,

Charging current: 750, 900, 1050A,

Discharging current: 816, 979, 1142A

Grid Output Port:

Output voltage/frequency: 3x230/400Vac +N+PE, 50Hz,

Rated Output Power: 36.0, 43.2, 50.4kW

Rated Output Apparent Power: 36.0, 43.2, 50.4kVA

Rated Output Current: 52.2, 62.6, 73.0A

Power Factor: 1

AC stand-alone port:

Output voltage/frequency: 3x230/400Vac +N, 50Hz,

Rated Output Power: 36.0, 43.2, 50.4kW

Rated Output Apparent Power: 45.0, 54.0, 63.0kVA

Rated Output Current: 65.2, 78.3, 91.3A

Power Factor: 0.8

Issue Date: 04/04/2025

Expiry Date: 04/04/2030

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read "John Wang".

John Wang



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

Certificate Number: AZ 69028353

Page: 0005



CERTIFICATE OF SUITABILITY

Authorised marking: TUV028353E

CONTINUATION SHEET 4

Description of Equipment

For model: Hybrid Sierra System 48 VDC / 72 kVA,
Hybrid Sierra System 48 VDC / 81 kVA,
Hybrid Sierra System 48 VDC / 90 kVA,

Battery Input:

Voltage range: 32 – 63Vdc,
Rated Voltage: 48Vdc,
Charging current: 1200, 1350, 1500A,
Discharging current: 1306, 1469, 1632A

Grid Output Port:

Output voltage/frequency: 3x230/400Vac +N+PE, 50Hz,
Rated Output Power: 57.6, 64.8, 72.0kW
Rated Output Apparent Power: 57.6, 64.8, 72.0kVA
Rated Output Current: 83.5, 93.9, 104.3A
Power Factor: 1

AC stand-alone port:

Output voltage/frequency: 3x230/400Vac +N, 50Hz,
Rated Output Power: 57.6, 64.8, 72.0kW
Rated Output Apparent Power: 72.0, 81.0, 90.0kVA
Rated Output Current: 104.3, 117.4, 130.4A
Power Factor: 0.8

Issue Date: 04/04/2025

Expiry Date: 04/04/2030

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read "John Wang".

John Wang



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