

CERTIFICATE OF SUITABILITY

Authorised marking: TUV022902E

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:

Shenzhen Sinexcel Electric
Co., Ltd.
Building 6, Zone 2, Nanshan
Baiwangxin High-tech Industry Park,
No.1002 Songbai Road,
Nanshan District, Shenzhen 518055
P. R. China

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Bi-directional Storage convertor

Trade Name / Manufacturer:

Sinexcel

Model Number:

PWS2-30M-EX

Ratings:

(Ratings info refer to CONTINUATION SHEET 1).

Standard:

AS/NZS 4777.2:2015
AS 62040.1.1-2003

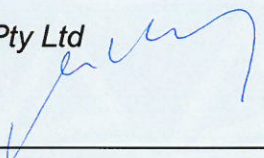
Issue Date:

16/08/2018

Expiry Date:

16/08/2023

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd


Billy Chu



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

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CONTINUATION SHEET 1

Ratings information:

Class I, IP20, Ambient temp.: -20°C to +60°C,

Battery Input:

VMAX BATTERY [Vdc]: 750;

ISC BATTERY [A]: 90;

BATTERY Voltage Range [Vdc]: 200-750;

BATTERY Full Power Voltage Range [Vdc]: 350-750;

Stop BATTERY Voltage [Vdc] (PCE Shutdown): 200;

Overvoltage Category (OVC): II.

AC Output:

Rated Output Voltage U_r [Vac]: 3/N/PE 400(L-L);

Normal Operating Voltage Range U_n [Vac]: 320-460V(L-L);

Operating Voltage Adjustable Range U_n [Vac]: 320-460V(L-L);

Rated Output Frequency FNETZ [Hz]: 50;

Normal Operating Frequency Range F_n [Hz]: 47.5-51.5;

Operating Frequency Adjustable Range F_n [Hz]: 45.5-54.5;

Rated Output Power P_E [kW]: 30;

Max. Output Power $P_{E_{max}}$ [kW]: 30;

Max. Apparent power $S_{E_{max}}$ [kVA]: 33;

Rated Output Current I_r [A]: 43.3;

Max. Output Current I_{max} [A]: 47.6;

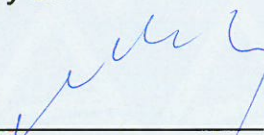
Power factor: -0.8 to +0.8;

Overvoltage Category (OVC): III.

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