

Certificate Number: AZ 69027814

Page: 0001



CERTIFICATE OF SUITABILITY

Authorised marking: TUV-027814-E

TÜV Rheinland Australia Pty Ltd "Electrical Product Safety Certification (EPSC) Scheme", accredited by JAS-ANZ in accordance with ISO/IEC 17065, has issued this certificate under JAS-ANZ accreditation. The electrical equipment described hereunder has been evaluated and found to be electrically safe at the time of certification and met the minimum safety requirements contained in Australian Standard AS/NZS 3820 as of current. It is a requirement that all equipment supplied under this certificate shall be identical to the equipment as certified. The certificate holder may affix the above mentioned authorised marking on the product.

CERTIFICATE HOLDER:

PRIMEVOLT NEW ENERGY AUSTRALIA PTY LTD
Suite 1, 237 Main Street,
Osborne Park, WA 6017
Australia

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

ESS Inverter (Hybrid inverter)

Trade Name / Manufacturer:

PrimeVOLT

Model Number:

PV 8KHB-180 , PV 9K99HB-210 , PV 10KHB-210

Ratings:

Ratings refer to Continuation Sheet 1 & 2 for details

Standard:

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

Issue Date:

23/02/2024

Expiry Date:

23/02/2029

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



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Certificate Number: AZ 69027814

Page: 0002



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CONTINUATION SHEET 1

Ratings:

For all models:

Protection: Class I, IP66, PD 2 (Inside), PD 3 (Outside)

Operating Temp.: -25°C to 60°C (over 45°C derating)

Oversvoltage Category (OVC): DC sides: II; AC side: III

Inverter Topology: Non-isolated

PV input:

Vmax: 600Vdc

VMPP : 70 -540Vdc

Isc: 40A/30A/30A

Imax: 30A/22A/22A

Battery input:

Battery Type: Lithium-ion/Lead-acid

Rated Input Voltage Range: 40-64Vdc

Max charging/Discharging Current: 210/180A, 210/210A,
210/210A

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Page: 0003



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CONTINUATION SHEET 2

Grid Output:

Rated Output voltage: 220V/230/240V, L+N+PE

Rated frequency: 50/60Hz,

Max Output Apparent power: 8800VA, 10999VA, 11000VA

Rated Output Apparent power: 8000VA, 9999VA, 10000VA

Rated Output Power: 8000W, 9999W, 10000W

Max Output Power: 8800W, 10999W, 11000W

Max Output current: 40A, 50A, 50A

Rated Output current: 36.4 / 34.8 / 33.3A, 45.5 / 43.5

41.7A, 45.5 / 43.5 / 41.7A

Power factor: 0.8 lagging to 0.8 leading

BACKUP PORT:

Rated Output voltage: L/N/PE, 220/230/240V

Rated frequency: 50/60Hz,

Rated Apparent power: 8000VA, 9999VA, 10000VA

Rated Active Power: 8000W, 9999W, 10000W

Max Output current: 34.8A, 43.5A, 43.5A

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