

Certificate Number: AZ 69026600

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026600-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:

Asian Power Devices Inc.
NO.5, LANE 83, LONG-SHOU ST.
TAOYUAN DIST., TAOYUAN CITY 33058
Taiwan

DESCRIPTION OF EQUIPMENT

Declared class: Non-declared
Product: Grid-Tied Solar Inverter
Trade Name / Manufacturer: PrimeVOLT
Model Number: Refer to CONTINUATION SHEET 1
Ratings: Refer to CONTINUATION SHEET 1-2
Standard: AS/NZS 4777.2:2020+A1
IEC 62109-2:2011
IEC 62109-1:2010
Issue Date: 25/10/2022
Expiry Date: 25/10/2027

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Model:

- 1) PV 5KTL-D3/G2 , 2) PV 6KTL-D3/G2 , 3) PV 8KTL-D3/G2 ,
- 4) PV 10KTL-D3/G2 , 5) PV 10KTL-D3/G2P , 6) PV 12KTL-D3/G2 ,
- 7) PV 15KTL-D3/G2 , 8) PV 15KTL-D3/G2P , 9) PV 17KTL-D3/G2 ,
- 10) PV 20KTL-D3/G2 , 11) PV 22KTL-D3/G2 ,
- 12) PV 25KTL-D3/G2 .

Vmax PV: 1100Vdc

MPPT Voltage Range: 160V-1000Vdc

Max. Input Current: 1)2)3)4)15/15Adc, 5)6)7) 15/30Adc,
8)9)10)11)12) 30/30Adc;

Max. Short Circuit Current: 1)2)3)4)20/20Adc,
5)6)7) 20/40Adc, 8)9)10)11)12) 40/40Adc;

Overvoltage Category (OVC): II for PV

Output Rated Voltage: 230/400Vac (3W+N+PE);

Rated Frequency: 50/60Hz;

Rated Output Current: 1)3*7.2Aac, 2)3*8.7Aac, 3)3*11.6Aac,
4)3*14.5Aac, 5)3*14.5Aac, 6)3*17.4Aac,
7) 3*21.7Aac, 8)3*21.7Aac, 9)3*24.6Aac,
10)3*29Aac, 11)3*31.9Aac, 12)3*36.2Aac

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Max. Continuous Current: 1)3*8.4Aac, 2)3*10.1Aac,3)3*13.4Aac,
4)3*17Aac, 5)3*16.8Aac, 6)3*20.2Aac,
7)3*25.3Aac, 8)3*25.3Aac, 9)3*28.6Aac,
10)3*33.7Aac, 11)3*37Aac, 12)3*39.8Aac

Rated Apparent Power: 1)5000VA, 2)6000VA, 3)8000VA,
4)10000VA, 5)10000VA, 6)12000VA,
7)15000VA, 8)15000VA, 9)17000VA,
10)20000VA, 11)22000VA, 12)25000VA

Max. Apparent Power: 1)5500VA, 2)6600VA, 3)8800VA,
4)11200VA, 5)11000VA, 6)13200VA,
7)16700VA, 8)16500VA, 9)18700VA,
10)22000VA, 11)24200VA, 12)27500VA

Power Factor: 0.8 leading ~0.8lagging

Overvoltage Category (OVC): III for AC mains

Protective Class: Class I

Ingress Protection (IP): IP66

Pollution Degree (PD): PD3

Altitude[m]: 4000

Operating Temperature [°C]: -25 to 60 (> 45 derating)

Type of Inverter: Non-isolated

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