

**Certificate Number:** AZ 69026562

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## CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026562-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:** PV 5KTL-D1/G2P , PV 6KTL-D1/G2P  
**Ratings:** Refer to CONTINUATION SHEET 1  
**Standard:** IEC 62109-2:2011  
IEC 62109-1:2010  
AS/NZS 4777.2:2020+A1  
**Issue Date:** 13/10/2022  
**Expiry Date:** 13/10/2027

*Signed for and on behalf of TÜV Rheinland Australia Pty Ltd*

A handwritten signature in blue ink, appearing to read 'Grant Li', positioned above a horizontal line.

Grant Li



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Model: PV 5KTL-D1/G2P, PV 6KTL-D1/G2P

Vmax PV: 550Vdc

MPPT Voltage Range: 70V-540Vdc

Max. Input Current: 15Adc\*2;

Max. Short Circuit Current: 20Adc\*2;

Overvoltage Category (OVC): II for PV

Output: Rated Voltage: 220/230/240Vac(L+N+PE);

Rated Frequency: 50/60Hz;

Max. Continuous Current: 25Aac; 27.3Aac;

Rated Apparent Power: 5000VA; 6000VA;

Max. Apparent Power: 5500VA; 6000VA;

Power Factor: 0.8 leading ~0.8lagging

Overvoltage Category (OVC): III for AC mains

Protective Class: Class I

Ingress Protection (IP): IP65

Pollution Degree (PD): PD3

Altitude[m]: 4000

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

Type of Inverter: Non-isolated

Issue Date: 13/10/2022

Expiry Date: 13/10/2027

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