

WINAICO Continues to Excel in Taiwan Voluntary Product Certification

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WINAICO is proud to continue its position as a leader in the Taiwanese solar industry through continuous product testing and development. The Voluntary Production Certification (VPC) tests are another demonstration of WINAICO's emphasis on high quality solutions through rigorous quality standards.

WINAICO has been testing its Solar Products through the VPC Program for the past 3 years. The strenuous testing procedures are carried out by only a handful of testing laboratories in Taiwan. The process aims to simulate solar modules at their absolute limits to ensure a level of performance throughout the lifetime even in harsh environments. The VPC Testing includes:

Visual and electrical inspection: Ensuring a quality build and no manufacturing faults

Wet Current Leakage: Resistance to current leakage under high voltage while submerged in water.

Thermal Cycling: Repeated changes in temperature from -40°C to 85°C for 600 cycles.

Performance Attenuation: Elevated light and temperature, to test degradation resistance via accelerated ageing. Testing under 3 suns at 70°C and cycling for 7 hours on, 1 hour off for 12 days

Potential Induced Degradation (PID): Placed under high voltage, humidity, temperature for 96 hours.

Damp Heat: Analysing the electrical resistance to damp heat conditions by testing at 85°C and 85% relative humidity for 3000 hours.

Salt Mist: Testing the modules ability to withstand degradation due to salt in the air by simulating corrosion for up to 56 days.

WINAICO is proud to announce that all modules passed the demanding testing procedures under the Voluntary Product Certification. WINAICO panels significantly exceeded the industry standard passing mark on all examinations

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Power to Perform

If you would like more information on the testing of WINAICO Panels, contact your regional office.

About WINAICO Australia

Based in Sydney since 2012, WINAICO Australia is a quality solar panel manufacturer with its international headquarters in Taiwan. Their high-performance crystalline modules appeal to solar specialists, solar technologists, installation specialists, and project developers for both residential and commercial projects. With five warehouses around Australia, they directly service installers across the country offering a unique 3-in-1 whole system insurance policy underwritten by the largest insurer in the world.

To find out more go to www.winaico.com.au.

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