PHOTOVOLTAIC MODULES

The Engineers Choice

370W TWIN PLUS
MODULE SERIES

15 YEAR PRODUCT WARRANTY + 5 YEARS
40+ YEARS OF EXPERIENCE

1978  
Sumec starts business

2010  
Phono Solar first sell solar panels in Australia  
Diamond Module Technology is pioneered

2018  
Phono re-brands to Sumec Phono Solar

2019  
Introduction of Market Leading 15 Year Product Warranty

2020  
New manufacturing facility opens for production  
15 + 5 Year Optional Residential Product Warranty Coverage*

We have invested in a brand new, state of the art, manufacturing line and are proud to introduce our latest Diamond Module Technology and leading Warranty to the Australian market.

President Zhao, Sumec Phono Solar

ADVANCED DIAMOND MODULE TECHNOLOGY

Learn about the evolution of Diamond Module Technology

STANDARD CELL

2014 HYPERION MODULE

2017 HYPERION DIAMOND

2018 TWIN PLUS MODULE

2020 M6 MULTI-BUSBAR
DIAMOND MODULE TECHNOLOGY

TWIN PLUS SERIES

Standard 15 Year Product Warranty

Available with Optional 5 Year Residential Seal and Hot Spot Extended Warranty Coverage*

Outstanding Module Efficiency

Salt Mist Certified (Level 6)

Built Tough - Cyclone Tested for the NT

120 CELLS
**ELECTRICAL CHARACTERISTICS**

- **Model**: PS370M4-20/UH, PS370M4H-20/UH
- **Rated Power (Pmpp)**: 370W
- **Tolerance**: 0~+5
- **Rated Current (Impp)**: 10.82
- **Rated Voltage (Vmpp)**: 34.2
- **Short Circuit Current (Isc)**: 11.31
- **Open Circuit Voltage (Voc)**: 40.97
- **Module Efficiency (%)**: 20.17
- **NOCT (Nominal Operation Cell Temperature)**: 43ºC ± 2ºC
- **Voltage Temperature Coefficient**: -0.30%/ºC
- **Current Temperature Coefficient**: +0.05%/ºC
- **Power Temperature Coefficient**: -0.38%/ºC

**MECHANICAL CHARACTERISTICS**

- **Dimensions**: Length: 1764mm, Width: 1040mm, Height: 35mm
- **Weight**: 20kg
- **Front Glass**: 3.2mm toughened glass
- **Frame**: Black anodised aluminium alloy
- **Cable**: 4mm² (IEC), 1150mm
- **Junction Box**: IP 68 rated
- **Connectors**: Genuine MC4 (1000V) / MC4-EVO 2 (1500V)

**PACKING CONFIGURATION**

- **Container**: Pallet
- **Pieces per container**: 31 (20'GP), 306 (40'GP), 806

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1. In compliance with our warranty terms and conditions.
2. Measurement conditions under irradiance level of Standard Test Conditions (STC): Irradiance 1000W/m², AM 1.5, Cell Temperature 25°C.

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**SUMEC Phono Solar**

- **DIAMOND MODULE TECHNOLOGY**
- **TWIN PLUS SERIES**
- **15 YEAR PRODUCT WARRANTY + 5 YEARS**
- **370W**

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- **Phono Solar modules are proudly manufactured in China.**

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**NOTE:** This datasheet is not legally binding. Phono Solar reserves the right to make specifications changes without notice. Further information can be found on our website: [www.phonosolar.com](http://www.phonosolar.com)

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