

# SOLAR MODULE

370W  
6M72 SERIES  
350W-370W

MONOCRYSTALLINE SOLAR MODULE



## 72 CELL

MONOCRYSTALLINE MODULE

## 350W-370W

POWER OUTPUT RANGE

## 19.1%

MAXIMUM EFFICIENCY

## 0 to +5%

POSITIVE POWER TOLERANCE

### CERTIFICATION



**Powerslite**<sup>®</sup>  
For the next generations better



#### Ideal for large scale installations

- High power footprint reduces installation time & BOS costs



#### One of the industry's most trusted modules

- Field proven performance



#### Highly reliable due to stringent quality control

- Over 30 in-house tests (UV, TC, HF, and many more)
- In-house testing goes well beyond certification requirements
- PID resistant

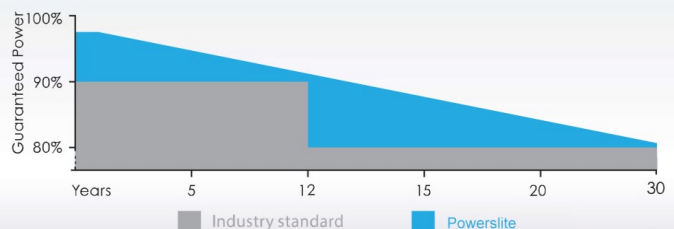


#### Certified to withstand challenging environmental conditions

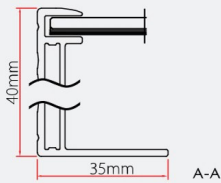
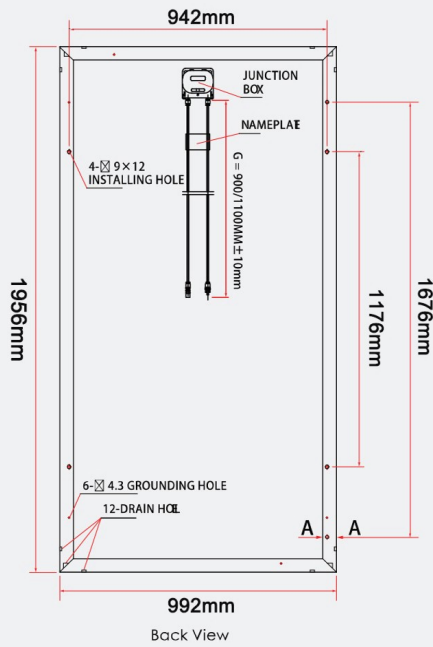
- 2400 Pa wind load
- 5400 Pa snow load
- 25 mm hail stones at 82 km/h

### LINEAR PERFORMANCE WARRANTY

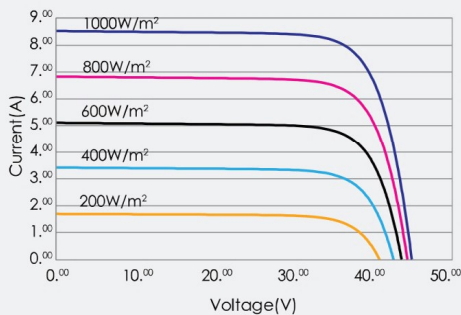
12 Year Product Warranty • 30 Year Linear Power Warranty



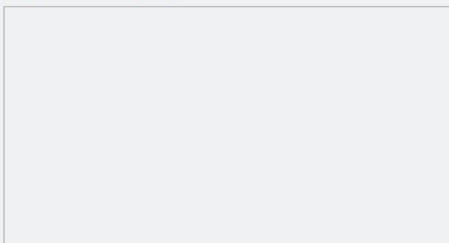
**DIMENSIONS OF PV MODULE 6M72 SERIES**



**I-V CURVES OF PV MODULE 6M72 SERIES**



**Dealer Information**



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ELECTRICAL DATA @ STC	PW-6M72-350	PW-6M72-355	PW-6M72-360	PW-6M72-365	PW-6M72-370
Peak Power Watts- $P_{MAX}$ (Wp)	350	355	360	365	370
Power Output Tolerance- $P_{MAX}$ (%)	0/+5	0/+5	0/+5	0/+5	0/+5
Maximum Power Voltage- $V_{MPP}$ (V)	37.54	37.58	39.0	39.3	39.7
Maximum Power Current- $I_{MPP}$ (A)	9.33	9.45	9.24	9.30	9.33
Open Circuit Voltage- $V_{OC}$ (V)	46.08	46.26	47.7	48.0	48.3
Short Circuit Current- $I_{SC}$ (A)	9.68	9.85	9.7	9.77	9.83
Module Efficiency $\eta_m$ (%)	18.0	18.3	18.6	18.8	19.1

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.  
Average efficiency reduction of 4.5% at 200 W/m<sup>2</sup> according to EN 60904-1.

ELECTRICAL DATA @ NOCT	PW-6M72-350	PW-6M72-355	PW-6M72-360	PW-6M72-365	PW-6M72-370
Maximum Power- $P_{MAX}$ (Wp)	261	264	268	272	276
Maximum Power Voltage- $V_{MPP}$ (V)	35.9	36.0	36.2	36.4	36.8
Maximum Power Current- $I_{MPP}$ (A)	7.26	7.34	7.42	7.47	7.50
Open Circuit Voltage- $U_{OC}$ (V)	43.7	44.1	44.3	44.6	44.9
Short Circuit Current- $I_{SC}$ (A)	7.75	7.79	7.83	7.89	7.94

NOCT: Irradiance at 800 W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1 m/s.

**MECHANICAL DATA**

Solar cells	Mono PERC 156.75 x 156.75 mm
Cell orientation	72 cells (6 x 12)
Module dimensions	1956 x 992 x 40 mm
Weight	22.5kg
Glass	High Transparency, Anti-Reflective, AR Coated and Heat Tempered Solar Glass - 3.2mm
Backsheet	White
Frame	Silver Anodized Aluminium Alloy
J-Box	IP 67 rated
Cables	Photovoltaic Technology cable 4.0 mm <sup>2</sup> , 900mm(Customized Available)
Connector	MC4 Compatible

**TEMPERATURE RATINGS**

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of $P_{MAX}$	-0.39%/°C
Temperature Coefficient of $V_{OC}$	-0.30%/°C
Temperature Coefficient of $I_{SC}$	+0.05%/°C

**MAXIMUM RATINGS**

Operational Temperature	-40~+85°C
Maximum System Voltage	1000V DC (IEC)
Max Series Fuse Rating	15A
Mechanical Load	5400pa
Wind Load	2400pa

**PACKAGING CONFIGURATION**

Modules per box: 26 pieces
Modules per 40' container: 624 pieces
Modules per 20' container: 260 pieces

**WARRANTY**

12 year workmanship warranty
30 year linear performance warranty
(Please refer to product warranty for details)

**INSURANCE**

Product liability insurance with CHUBB Group
Product performance (E&O) insurance CHUBB Group