



TSM60 - 156P POLY

17.82%

Industry Leading
Cell Efficiency

250W+

Positive Power
Output up to 3%

12YRS

Material &
Workmanship Warranty

25YRS

Limited Power
Guarantee

- ✓ Industry Leading Conversion Efficiency
- ✓ High Salt Mist Resistance for Coastal Areas
- ✓ Excellent Temperature Coefficient for Better Output in High Temperatures of Australia
- ✓ Anti-reflective Coating Improves Light Absorption and Reduces Surface Dust for Higher Energy Output
- ✓ Excellent Performance Under Weak Light Conditions
- ✓ Fire Rated in Accordance with Latest Australian Standards

Buy with Confidence

Parent Company Hongrun Group

- Listed Public Company founded in 1994
- \$150 million Market Capitalization
- Strong R&D culture holding many Patents

Worldwide Distribution

Major Global Solar Panel Brand

- Europe – Germany, Spain, UK
- North America – USA, Canada, Mexico
- Asia-Pacific – Australia, New Zealand, China

Unicredit Bankable

Accredited Utility Scale Project Manufacturer

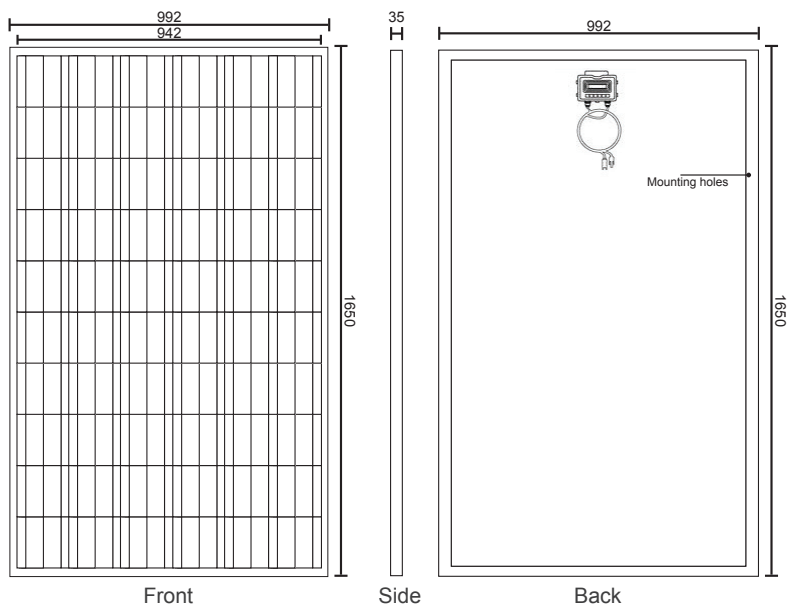
- Bankability required for Major Project financing
- Independent recognition of highest quality control processes

Performance Underwritten by:

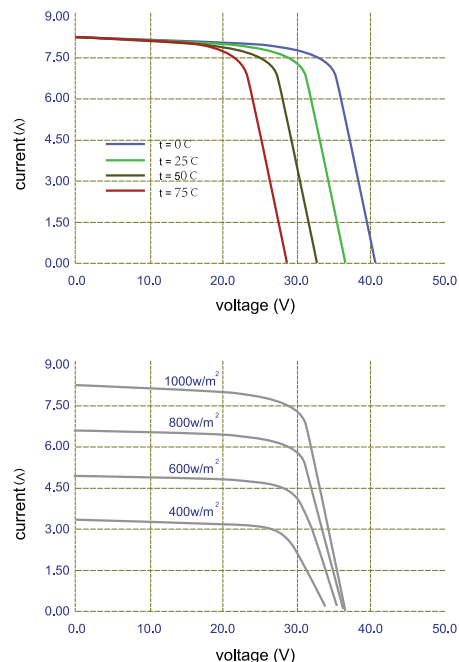


**CHUBB GROUP
OF INSURANCE
COMPANIES**

■ Dimensions



■ I-V Curves



SPECIFICATION

Cell Type & Size	Poly 156mm x 156mm
Number of cells & connections	60 in series (6*10)
Weight	18 KG
Dimensions	1650 x 992 x 35 mm
Produced in accordance with	IEC61215Ed2 IEC61730 UL 1703
ROHS	IECQ 080000:2005

ELECTRICAL CHARACTERISTICS

STC Maximum Power (Pmax)	250W
STC Open circuit voltage (Voc)	37.25V
Maximum power voltage (Vmp)	30.08V
Short circuit current (Isc)	8.90A
Maximum power current (Imp)	8.31A
Cell efficiency	17.82%
Module efficiency	15.22%
Maximum system voltage	1000V/600V AS5033:2012
Series fuse rating	15 A
Connector	MC4 Specification
Junction Box	IP65 Rated (6 diodes)
STC: Irradiance 1000w/m ² , module temperature 25°C, AM=1.5	

PHYSICAL CHARACTERISTICS

Operating temperature	-40C to +85C
Pressure Rating	≤ 5400 Pa
Wind Rating	≤ 2400 Pa
Hail Impact Survivability Test	25mm diameter ice ball at 23.0m/s, directed at 11 impact locations

TEMPERATURE COEFFICIENTS

Normal Operating Cell Temp	45°C ± 2°C
Temperature coefficient of Isc	+0.05%/°C
Temperature coefficient of Voc	-0.34%/°C
Temperature coefficient of Pm	-0.5%/°C

PACKING CONFIGURATION

Container	20 GP	40 GP
Pieces per pallet	30	30
Pallets per container	12	28
Pieces per container	360	840