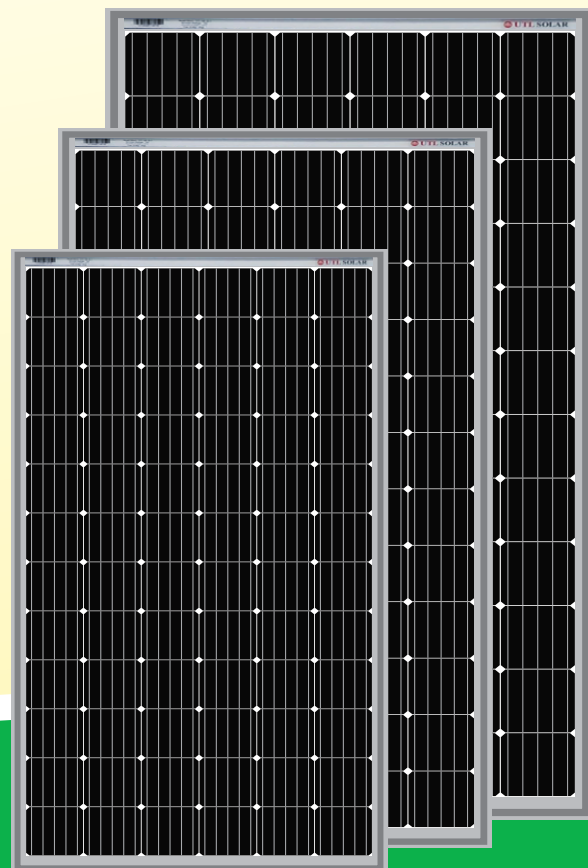


MONO PERC SOLAR MODULES



ADVANCED PERFORMANCE & PROVEN ADVANTAGES

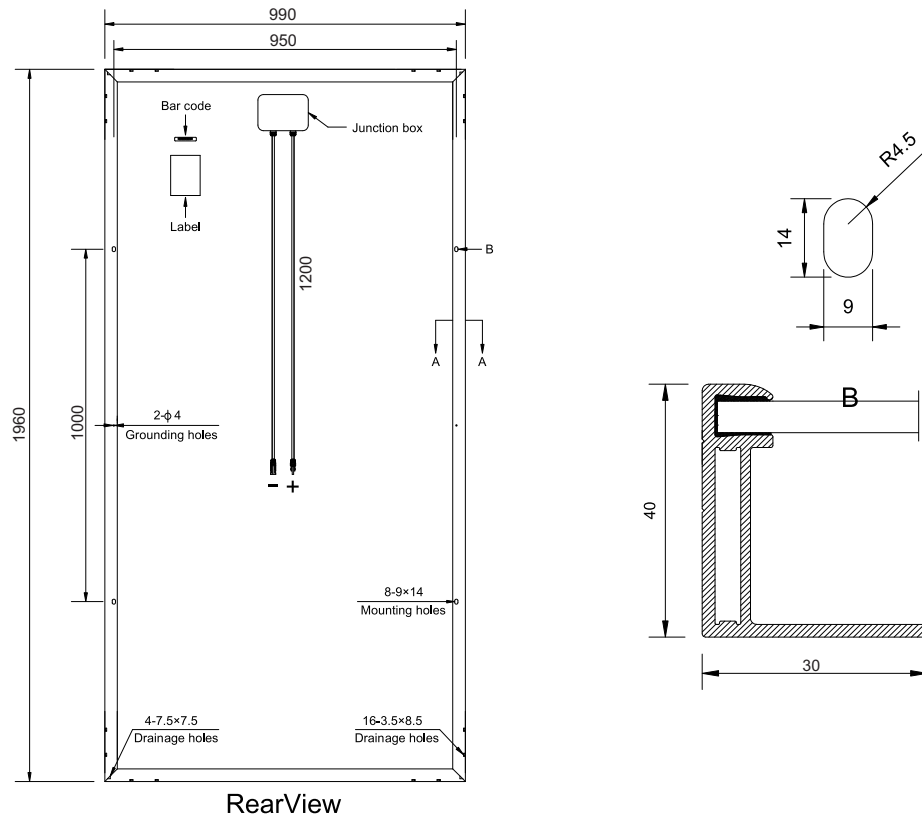
- High module conversion efficiency up to 19.32% through innovative five busbar cell technology.
- Low degradation and excellent performance under high temperature and low light conditions.
- Robust aluminum frame ensures the modules to withstand wind loads up to 3600Pa and snow loads up to 5400Pa.
- High reliability against extreme environmental conditions.
- Potential induced degradation (PID) resistance.
- Positive power tolerance of 0~+3 %.

SPECIAL WARRANTY

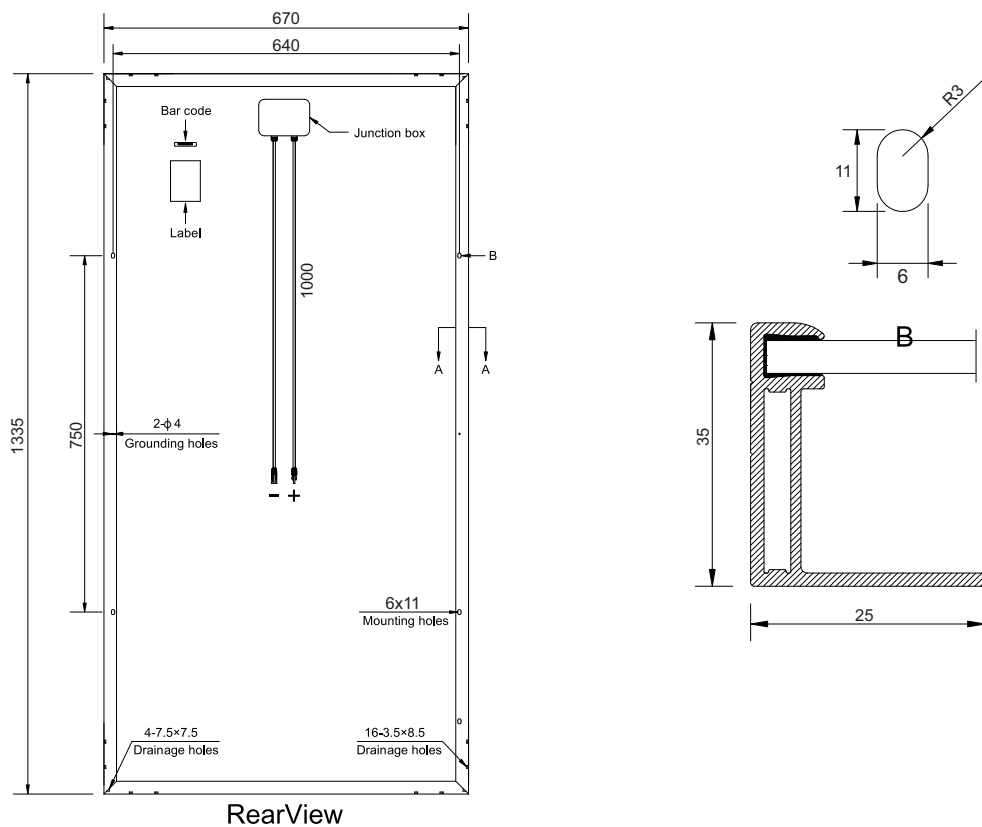
- 12 years limited product warranty.
- Limited linear power warranty: 12 years 91.2% of the nominal power output, 30 years 80.6% of the nominal power output.

*IMP by UBM in Nov 2019

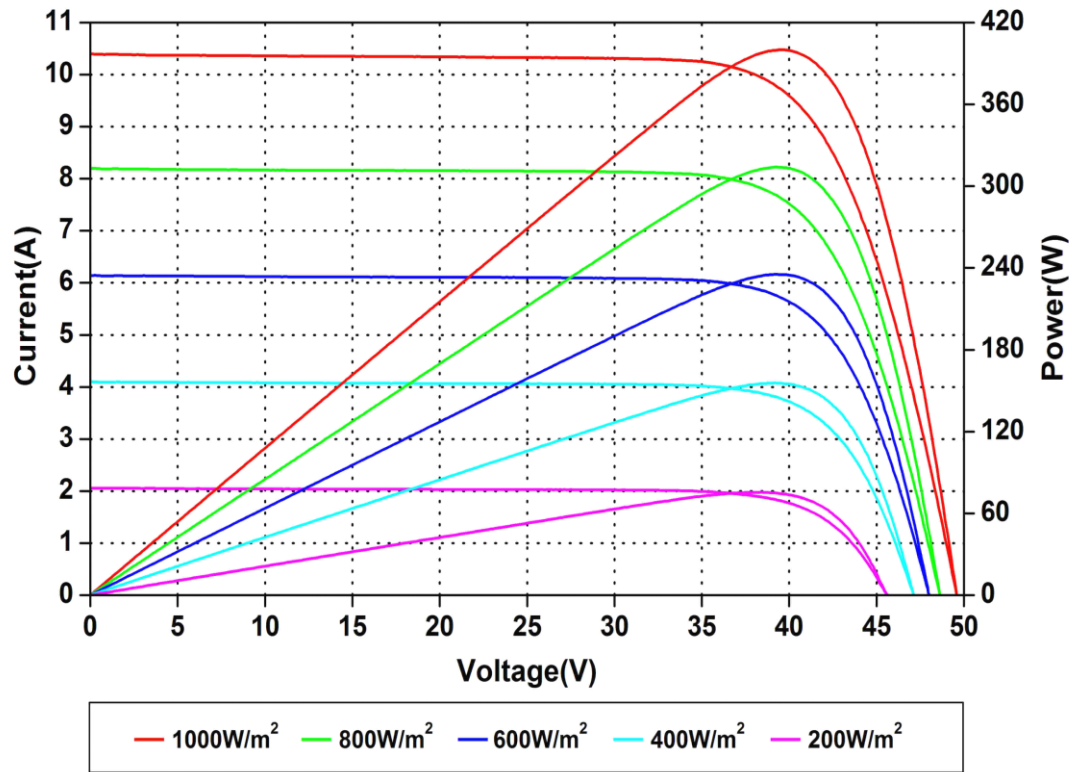
375W (72 Cell)



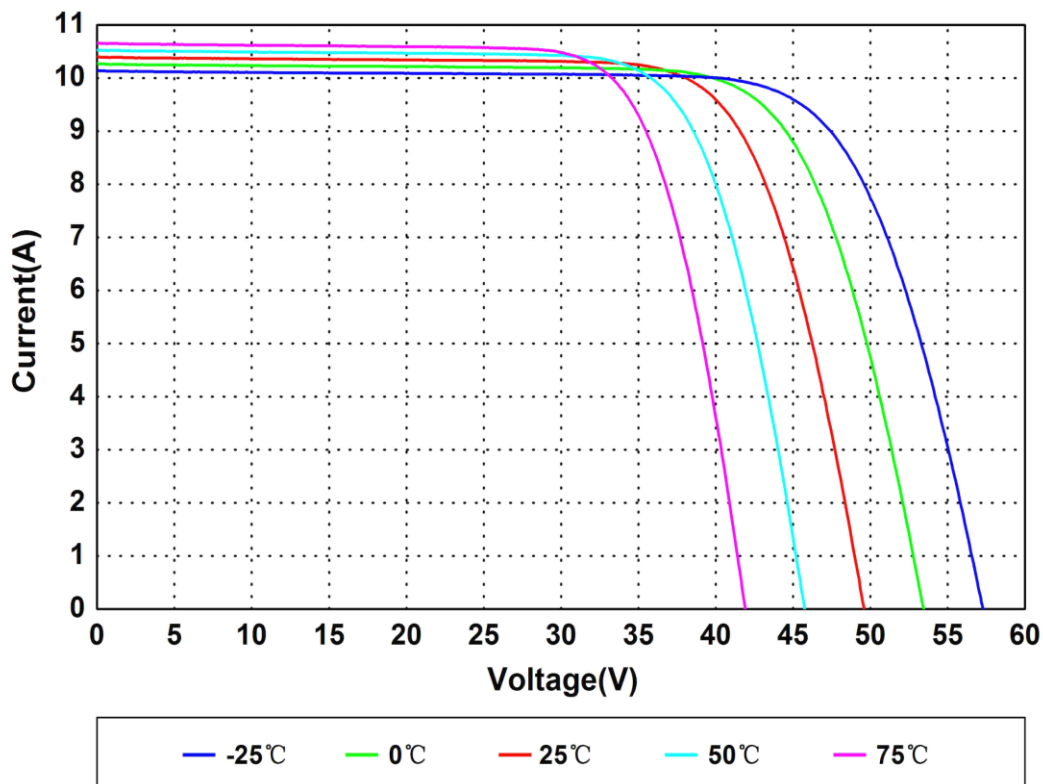
165W (32 Cell)



IV Curves



Current-Voltage and Power-Voltage Curves
at Different Irradiances



Current-Voltage Curves at Different Temperatures

TECHNICAL SPECIFICATION

Electrical Characteristics At STC

Maximum Power (Pmax)	165W	375W
Open Circuit Voltage (VOC)	21.82V	48.2V
Short Circuit Current (ISC)	9.80A	9.92A
Voltage at Maximum Power (Vmp)	17.62V	39.6V
Current at Maximum Power (Imp)	9.42A	9.47A
Module Efficiency (%)	18.65	19.32
Operating Temperature	-40°C to +85°C	
Maximum System Voltage	1000V DC/1500V DC	
Fire Resistance Rating	Type 1(in accordance with UL 1703)/Class C(IEC 61730)	
Maximum Series Fuse Rating	15A	20A

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5

Mechanical Characteristics

Maximum Power (Pmax)	165W	375W
Cell type	Mono PERC	
Number of cells	32 (4x8)	72 (6x12)
Module dimensions	1335x750x35mm	1960x990x40mm
Weight	12kg	21kg
Front cover	3.2mm (0.13inches) tempered glass with AR coating	
Frame	Anodized aluminum alloy	
Junction box	IP 67, 2 diodes	IP 67, IP 68, 3 diodes
Cable	4mm ² , 1000mm	4mm ² , 1200mm
Connector	MC4 or MC4 compatible	

Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficients of Pmax	-0.38%/°C
Temperature Coefficients of VOC	-0.29%/°C
Temperature Coefficients of ISC	0.052%/°C

Packaging

Standard packaging	165W(3in1)	375W(2in1)
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Note :-

- The specifications included in this datasheet are subject to change without Notice.
- The electrical data given here is for reference purpose only.
- Please confirm your exact requirements with the sales representative while placing your order.

FUJIYAMA POWER SYSTEMS PVT. LTD.

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