



POLYCAB

Connection Zindagi Ka

SOLAR

MONOCRYSTALLINE 72 CELL 5BB PV MODULE

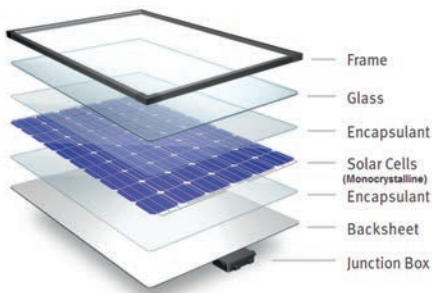


LEADING FEATURES

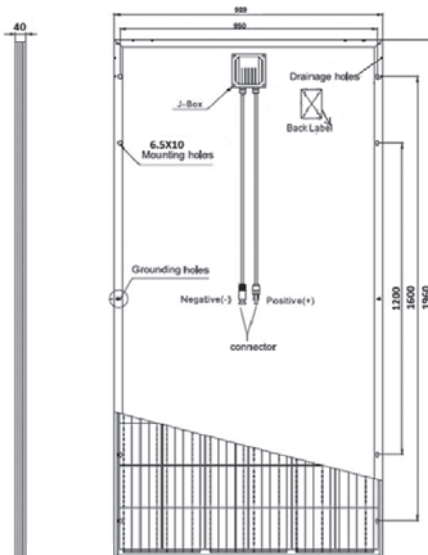
- Manufactured using high grade raw materials from reputed international suppliers adopting a stringent quality criteria.
- 72 cell configurations with wattage rating from 330 to 370 Watts
- Torsion and corrosion resistant with Silver (>15 micron) Anodized Aluminum frame.
- Wakes Up early and sleeps Late
- BIS/IEC Approved
- PID Free Modules with Extra long-term reliability
- Better Performance even at Low Irradiance condition
- Calibration modules for output measurement regularly tested at BIS/MNRE Approved Laboratory
- >76.0% fill factor for improved energy conversion efficiency
- 25 Years of Performance Warranty

MONOCRYSTALLINE 72 CELL 5BB PV MODULE

Module Encapsulation

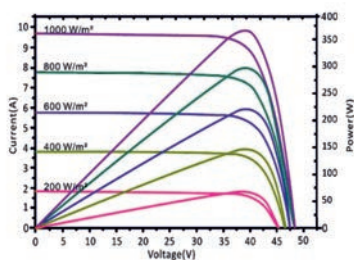


Mounting Diagram Details



Electrical Specifications (STC)									
Model	PIL 330M	PIL 335M	PIL 340M	PIL 345M	PIL 350M	PIL 355M	PIL 360M	PIL 365M	PIL 370M
Power (Pm) in Watts	330	335	340	345	350	355	360	365	370
Open Circuit Voltage (Voc) in Volts	46	46.25	46.5	46.8	47.1	47.39	47.67	47.85	48
Short Circuit Current (Isc) in Amps	9.2	9.25	9.31	9.36	9.42	9.48	9.53	9.62	9.7
Voltage at Max Power (Vmp) in Volts	37.94	38.25	38.55	38.73	38.94	39.32	39.65	39.85	40
Current at Max Power (Imp) in Amps	8.7	8.76	8.82	8.91	8.99	9.03	9.08	9.16	9.25
Module Efficiency (%)	17.03	17.29	17.54	17.8	18.06	18.32	18.57	18.83	19.09
Fill Factor	78	78.32	78.54	78.78	78.9	79.03	79.25	79.3	79.47
Temperature Coefficient									
Nominal Operating Cell Temperature (°C)	43.15								
Coefficient of Voltage (Voc) (%/°C)	-0.36								
Coefficient of Current (Isc) (%/°C)	0.07								
Coefficient of Power (Pmax) (%/°C)	-0.38								
Operating Conditions									
Maximum System Voltage (Vdc)	1000								
Max. Series Fuse Rating in Amps	15								
Operating Temp. Range (°C)	-40 to +85								
Maximum Load Condition (snow or wind)	Sustain Heavy wind & snow loads (2400 Pa & 5400 Pa or 550 Kg/m²)								
Module Mechanical Details									
Module Dimensions LxWxH (mm)	1960 X 989 X 40 (± 1.0)								
Module Weight (Approx. in kg)	22								
No. of Cells & size (mm)	72 cells, 157 X 157 (± 0.5)								
Frame Material	Anodized Aluminium								
Glass	Anti-reflective coated low iron textured tempered solar glass								
Junction Box	TUV Approved Pre-potted IP 67 rated with 3 Bypass diodes (4 T / 3 D)								
Cable Connector	4 sqm. (12AWG) solar cable 1200mm X 2 nos Black MC4 compatible connectors								
No. of Grounding Holes	1 nos. of Dia. 4mm on each length side								
Mounting hole size (mm)	8 Oblong of size 6.5 X 10 (± 2)								
Packing & Shipping Details									
No. of Modules per Pallet	22								
Pallet Box Dimensions(L*W*H)	1990 X 925 X 1120								
Pallets Per Container	20 (For 40 Ft)								
Gross Weight of Pallet Box (Approx. in kg)	600								

I-V Characteristics at Different Irradiations



Linear Performance Warranty



Note: Specifications are subject to change

POLY CAB INDIA LIMITED (formerly known as 'Polycab Wires Limited')
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