

POLY CRYSTALLINE MODULES

JJ PV Solar introduces all new line of high performance modules in wide applications



KEY FEATURES

- Our solar Modules offers high conversion efficiency
- Our high performing modules have an industry low tolerance of $\pm 3\%$
- Can withstand high wind pressure ,snow load & extreme temperature

QUALITY & SAFETY

- Application Class A, Safety Class II
- ISO 9001:2008(Quality Management system) and ISO 14001 certified company
- Certified for IEC 61215 and IEC 61730 Safety Standard II and 61701 by TUV Intercert

APPLICATIONS

- Off-grid residential roof-tops & other applications
- On-grid commercial/Industrial roof-tops
- Easy Instalation and Handling for Various Applications

CHARACTERISTICS

- Type of Cell : Multi Crystalline Cells
- Front Face : Tempered & Textured Glass (Low iron)
- Frame : Anodized Aluminium, Corner Incert, Screwless
- Junction Box : IP 65 Protected, With Bypass Diodes
- Warranty : 5 Years Workmanship and 25 Years Linear Power Output



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TECHNICAL SPECIFICATIONS

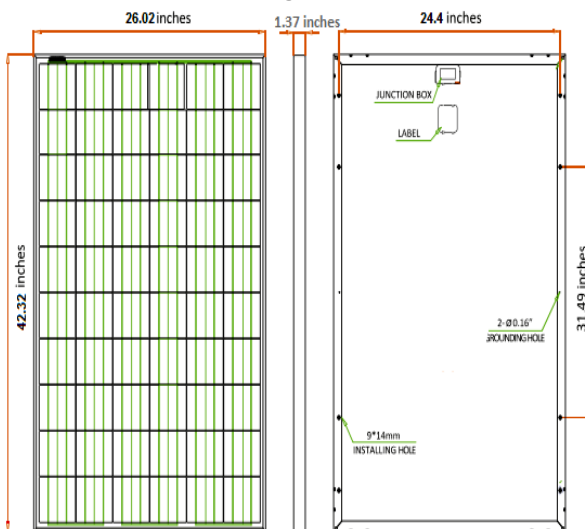
Electrical Parameters

| | |
|--|--|
| Model | JP36C100 |
| Rated Power(Pmax) watt | 100 |
| Volt at Max. power(Vmp in volt) | 17 |
| Open circuit voltage(Voc in volt) | 21.35 |
| Current at Max. Power(Imp in Amp) | 5.88 |
| Short circuit current(Isc in Amp) | 6.3 |
| Fill factor(FF) | >70 |
| Module efficiency (%) | 14 |
| Standard Test condition | Irradiance:1000W/M2 Temp: 25°C , & AM :1.5G spectrum |
| Temp.coeff. Of Pmax(%/K) | -0.44 |
| Temp.coeff. Of Voltage(mV/K) | -2.13 |
| Temp.coeff. Of current(mA/K) | 4.46 |
| Max.system voltage (Volt) | 600 |
| NOCT (Nominal operating Cell temp in °c) | 47.0±2 |
| Tolarence of rated power (%) | ± 3 |

Mechanical Parameters

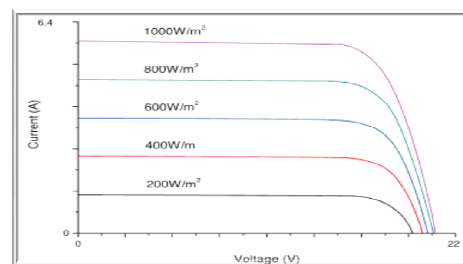
| Family | No. of Cells | Cells | Glass | Alu. Frame | Junction Box | Cable & Connector | Dimension | Weight |
|--------|--------------|-------|---|--------------------------------|------------------|-------------------|---|----------|
| JP36C | 9x4 | Poly | High transmission, low iron, tempered and textured glass, 3.2mm | Silver Anodized Aluminum Alloy | 3 Rail, 2 Diodes | N/A | 1075 X 661 X 35 (mm) or 42.32 X 26.02 X 1.37 (inch) | 8.05 K.G |

Mounting Dimensions



Drawing Only for Reference

I-V Curve with various irradiance level



Dependence of Temperature

