

## 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 : TUV & UL Approved, IP 65 Protected, With Bypass Diodes
- Warranty : 5 Years Workmanship and 25 Years Linear Power Output



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## TECHNICAL SPECIFICATIONS

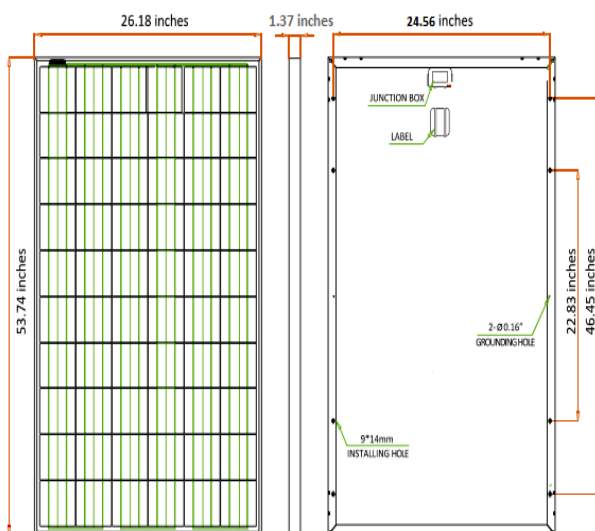
### Electrical Parameters

| Model                                    | JP36C120   | JP36C125 | JP36C130 |
|--|--|----------|----------|
| Rated Power(Pmax) watt                   | 120  | 125      | 130      |
| Volt at Max. power(Vmp in volt)          | 17   | 17.25    | 17.56    |
| Open circuit voltage(Voc in volt)        | 21.4   | 21.42    | 21.68    |
| Current at Max. Power(Imp in Amp)        | 7.08   | 7.25     | 7.41     |
| Short circuit current(Isc in Amp)        | 7.43   | 7.56     | 7.81     |
| Fill factor(FF)                          | >70  |          |          |
| Module efficiency (%)                    | 12~14  | 12~14    | 13~14    |
| 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)                | 1000   |          |          |
| NOCT (Nominal operating Cell temp in °c) | 47.0±2   |          |          |
| Tolarence of rated power (%)             | ± 3  |          |          |

### Mechanical Parameters

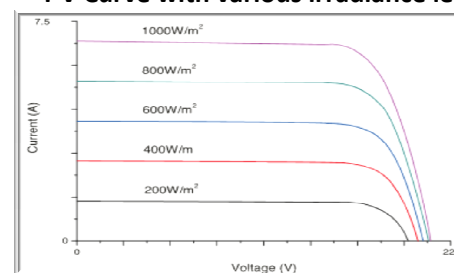
| Family | No. of Cells | Cells | Glass   | Alu. Frame                     | Junction Box     | Cable & Connector | Dimension   | Weight   |
|--------|--------------|-------|---|--------------------------------|------------------|-------------------|---|----------|
| JP36C  | 9x4          | Poly  | High transmission, low iron, tempered and textured glass, 3.2mm | Silver Anodized Aluminum Alloy | 3 Rail, 2 Diodes | N/A               | 1365 X 665 X 35 (mm)<br>or<br>53.74 X 26.18 X 1.37 (inch) | 10.2 K.G |

### Mounting Dimensions



Drawing Only for Reference

### I-V Curve with various irradiance level



### Dependence of Temperature

