

## Applications

- ☐ On-grid residential roof-tops
- ☐ On-grid commercial/industrial roof-tops
- ☐ Solar power stations
- ☐ Other on-grid applications

## Electrical Data

|                                |             |
|--------------------------------|-------------|
| Maximum Power(W)               | 210W        |
| Optimum Power Voltage(Vmp)     | 29.52V      |
| Optimum Operating Current(Imp) | 7.11A       |
| Open Circuit Voltage(Voc)      | 36.18V      |
| Short Circuit Current(Isc)     | 7.61A       |
| Cell Efficiency (%)            | 14.38%      |
| Module Efficiency (%)          | 13.06%      |
| Tolerance Wattage(e.g. +/-3%)  | ±3%         |
| NOCT                           | 47°C +/-2°C |

## Benefits

- ☐ High efficiency solar cells with high transmission and textured glass are delivering high efficiency for modules;
- ☐ Bypass diode minimizes the power drop caused by shade;
- ☐ Tempered glass, EVA resin, and weatherproof film, plus aluminum frame for extended outdoor use;
- ☐ Modules independently tested to ensure conformance with certification and regulatory standards;
- ☐ Manufacturing facility certified to ISO 9001 quality management system standards.

## Temperature Coefficients

|                                      |       |
|--------------------------------------|-------|
| Temperature Coefficients of Isc(%)°C | +0.04 |
| Temperature Coefficients of Voc(%)°C | -0.38 |
| Temperature Coefficients of Pm(%)°C  | -0.47 |
| Temperature Coefficients of Im(%)°C  | +0.04 |
| Temperature Coefficients of Vm(%)°C  | -0.38 |



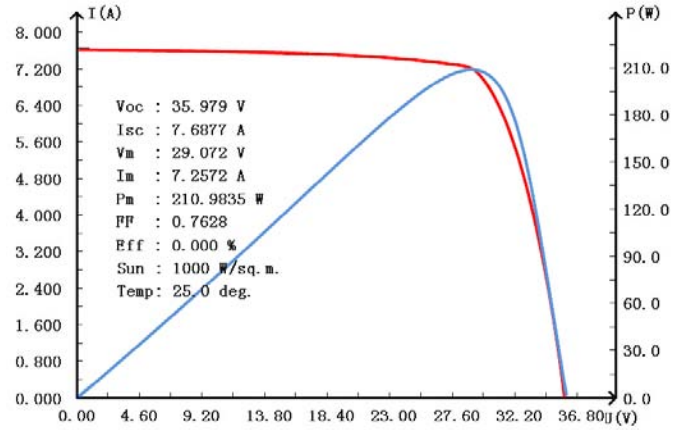
# Polycrystalline Solar Panel

# Model :SSB210W-30P

## Components & Mechanical Data

|                               |                                      |
|-------------------------------|--------------------------------------|
| Solar Cell                    | 156*156 Poly                         |
| Number of Cell(pcs)           | 6*10                                 |
| Size of Module(mm)            | 1640*990*40                          |
| Front Glass Thickness(mm)     | 3.2                                  |
| Surface Maximum Load Capacity | 2400Pa                               |
| Allowable Hail Load           | 23m/s ,7.53g                         |
| Weight Per Piece(KG)          | 18.6                                 |
| Junction Box Type             | Pass the TUV Certificate             |
| Bypass Diode Rating(A)        | 12                                   |
| Cable & Connector Type        | Pass the TUV Certificate             |
| Frame(Material Corners,etc.)  | 40#                                  |
| Backing (Brand Type)          | TPT                                  |
| Temperature Range             | -40°C to +85°C                       |
| FF (%)                        | 70-76%                               |
| Standard Test Conditions      | AM1.5 1000W/m <sup>2</sup> 25 +/-2°C |

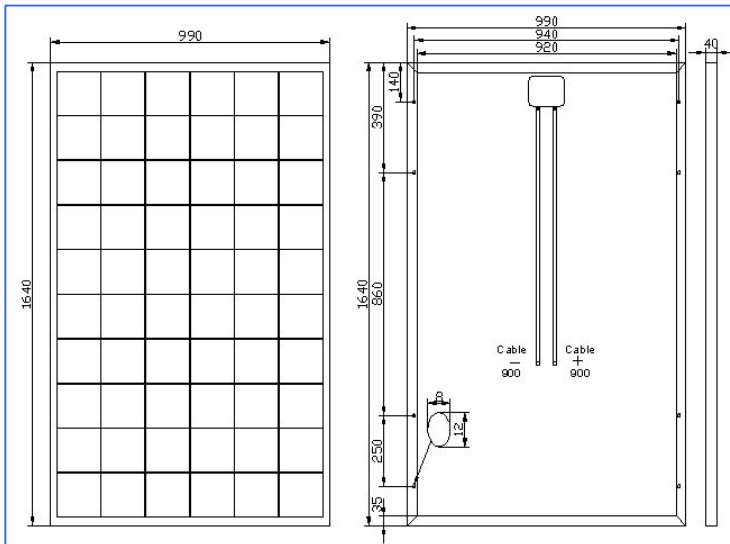
## I-V Curves



## Warranty & Certifications

|                |                                  |
|----------------|----------------------------------|
| Warranty       | 25 year limited power warranty   |
|                | 10 year limited product warranty |
| Certifications | IEC 61215, IEC 61730, ETL-UL1703 |

## Engineering Drawings



## Packing

|         |                  |
|---------|------------------|
| Packing | Wooden Box       |
| 1*20'   | 14Pallets/332pcs |
| 1*40'HQ | 28Pallets/756pcs |

