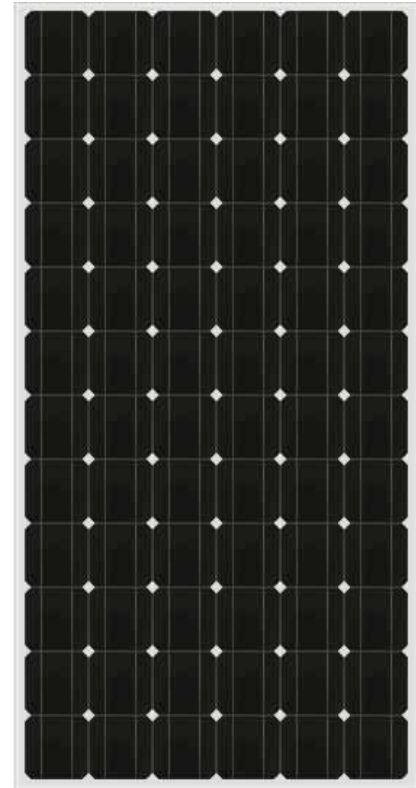




## DJS-T280S6ST~T305S6ST



### ■ Feature

1. Bypass diode minimizes the power drop by shade.
2. The conversion efficiency of solar cell is above 16.3%.
3. White tempered glass, EVA resin, weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
4. Waterproof (UL94, V-O ). Perfect for grid applications.
5. Product guarantee 5 years.

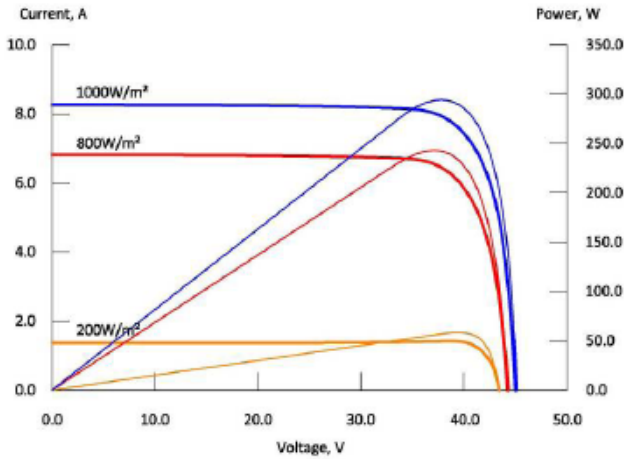
### ■ SPECIFICATION

Type Of Module	DJS-T280S6ST ~ DJS-T305S6ST					
Nominal Power (Wp)	280	285	290	295	300	305
Tolerance (%)	Plus					
Open circuit Voltage (V)	44.86	44.21	44.43	44.57	44.71	44.86
Short circuit Current (A)	8.21	8.39	8.48	8.52	8.58	8.72
Maximum Power Voltage (V)	36.86	36.72	36.72	36.72	36.72	36.72
Maximum Power Current (A)	7.6	7.77	7.9	8.04	8.17	8.31
Module Efficiency (%)	14.35	14.61	14.86	15.12	15.38	15.63
Solar Cell Efficiency (%)	16.3	16.5	16.9	17.2	17.4	17.8
Series Fuse Rating (A)	15					
Terminal Box	IP65					
Maximum System Voltage (V)	IEC/UL 1000V / 600V					
Operating Temperature (°C)	-40 to +85					

\* The measuring uncertainty of Pmax is ± 2%

## ■ Electrical Characteristics

Current-Voltage & Power-Voltage characteristics various irradiance levels



Electric Performance Typical Performance Characteristics		
Short Circuit Current Temperature Coefficient	mA/	+4.7
Open Circuit Voltage Temperature Coefficient	V/	-0.1485
Maximum Power Temperature Coefficient	%/	-0.451
Performance Warranty :		
90%output, 12 Years		
80%output, 25 Years		

## ■ Quality Assurance

1. Electrical insulation test.
2. Outdoor exposure test.
3. Hot-spot endurance test.
4. UV-exposure.
5. Thermal cycling test.
6. Humidity freeze test
7. Damp heat test.
8. Robustness of terminations test.
9. Wet leakage current test.
10. Mechanical load test.
11. Hail impact test.
12. Bypass diode thermal test.

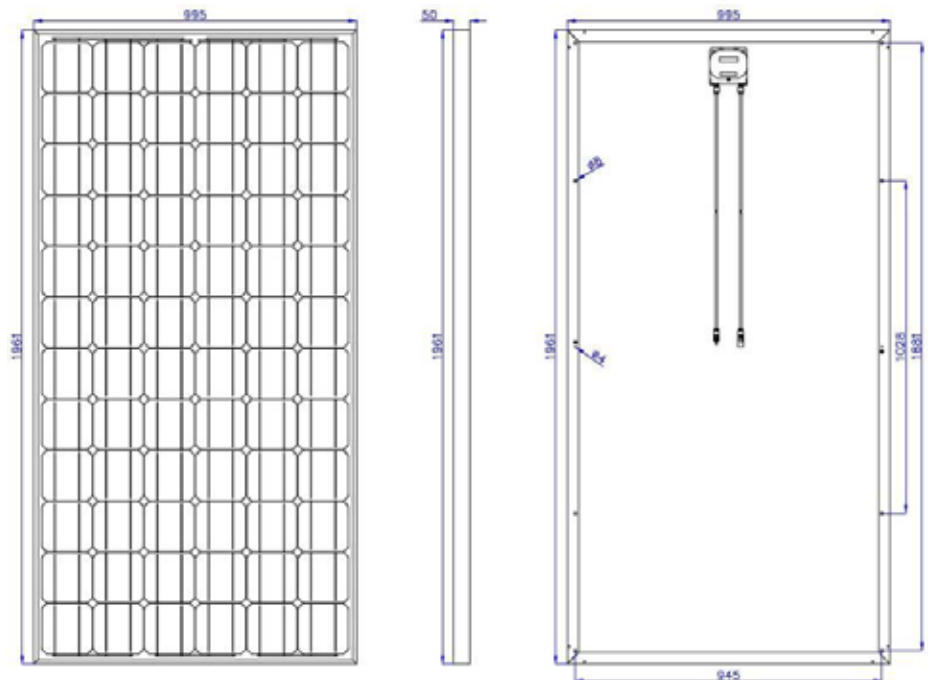
## ■ Physical Specifications

### Dimension :

Length :  
1961 mm / 77.2 in  
Width :  
995 mm / 39.17 in  
Depth :  
50 mm / 1.97 in  
Weight :  
24 kg / pcs  
**Packing :**  
10 pcs / carton

### Loading Capacity :

200 pcs / 20ft container  
440 pcs / 40ft container



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