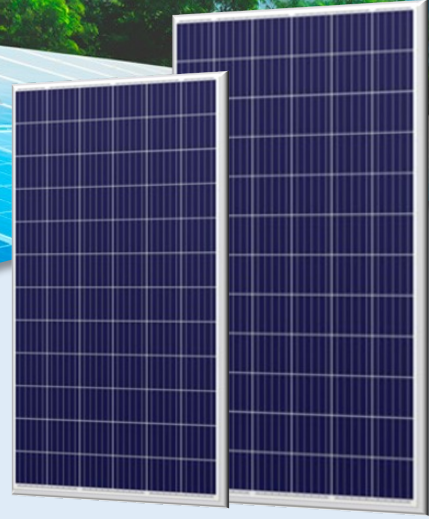


POLYCRYSTALLINE MODULE TS-6P-340W

تاج سول
آپ کی خدمت میں حاضر ہے
بہترین معیار اور
سب سے بہترین سروس
کے ساتھ



ADVANCED PERFORMANCE & PROVEN ADVANTAGES

High module conversion efficiency up to 17.52% by using high efficient solar cells and advanced manufacturing technology.

Low degradation and excellent performance under high temperature and low light conditions.

Robust aluminum frame ensures the modules to withstand wind loads up to 2400Pa and snow loads up to 5400Pa.

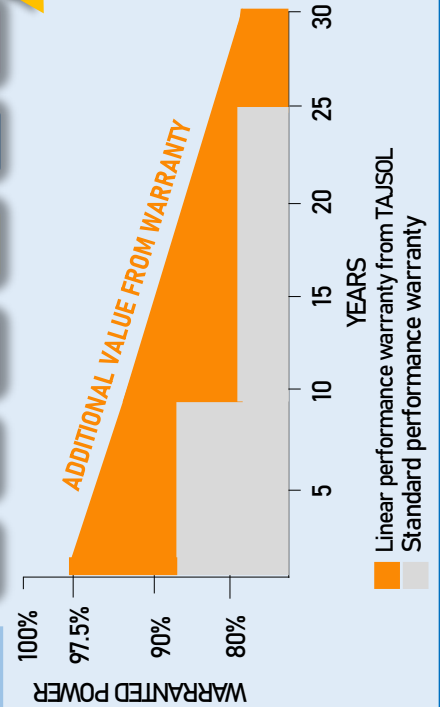
High reliability against extreme environmental conditions (passing salt mist, ammonia and hail tests).

Potential induced degradation (PID) resistance

Positive power tolerance of 0 ~ +3 %..

SPECIAL WARRANTY

- ✓ 12 years limited product warranty.
- ✓ Limited linear power warranty: 12 years 91.2% of the nominal power output, 30 years 80.6% of the nominal power output.



POLYCRYSTALLINE MODULE: TS-6P-340W

TECHNICAL DATA

Nominal Power (Pmax)	340W
Open Circuit Voltage (VOC)	46.1V
Short Circuit Current (ISC)	9.50A
Voltage at Nominal Power (Vmp)	37.5V
Current at Nominal Power (Imp)	9.07A
Module Efficiency (%)	17.52
Operating Temperature	-40°C to +85°C
Maximum System Voltage	1000V DC
Fire Resistance Rating	Type 1(in accordance with UL1703)/Class C(IEC61730)
Maximum Series Fuse Rating	15A

MECHANICAL CHARACTERISTICS

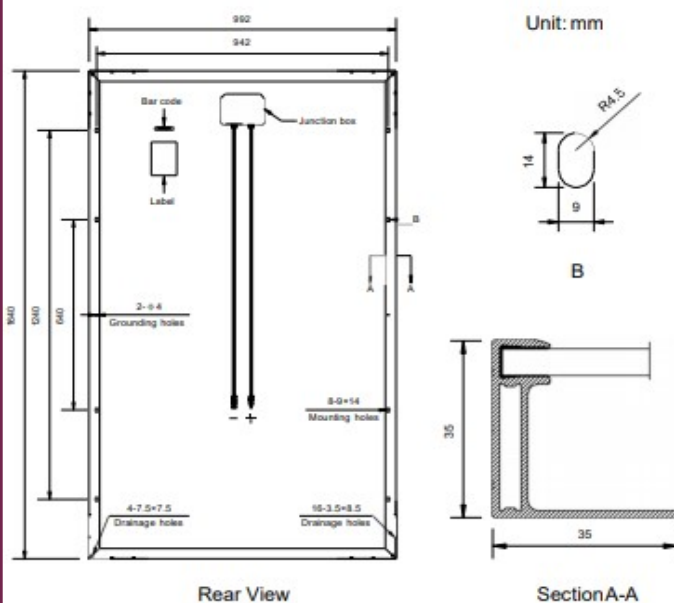
Type Cell	Polycrystalline 5BB 156.75x156.75mm (6x6inches)
Number of cells	60 (6x10)
Module dimensions	1640x992x35mm(64.57x39.06x1.38inches)
Weight	18kg (39.7lbs)
Front cover	3.2mm (0.13inches) tempered glass with AR coating
Frame	Anodized aluminum alloy
Junction box	IP67, 3 diodes
Cable	4mm ² (0.006inches ²), 1000mm (39.37inches)
Connector	MC4 or MC4 compatible

TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficients of Pmax	-0.41%/°C
Temperature Coefficients of VOC	-0.31%/°C
Temperature Coefficients of ISC	0.05%/°C

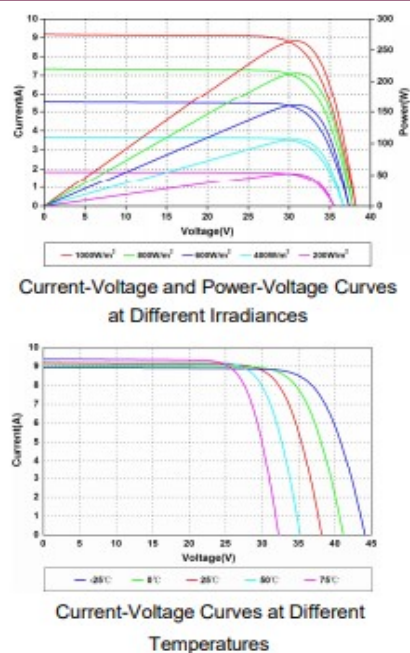
PACKAGING

Standard packaging	30pcs/pallet
Module quantity per 20' container	360pcs
Module quantity per 40' container	840pcs(GP)/896pcs(HQ)



ENGINEERING DRAWINGS

IV CURVES



Specifications in this datasheet are subject to change without prior notice.

POLYCRYSTALLINE MODULE: TS-6P-340W



Nominal Power (Pmax)	300W	305W	310W	315W	320W	325W	330W	335W	340W
Open Circuit Voltage (VOC)	45.3V	45.4V	45.5V	45.6V	45.7V	45.8V	45.9V	46.0V	46.1V
Short Circuit Current (ISC)	8.68A	8.76A	8.85A	8.93A	9.04A	9.15A	9.26A	9.38A	9.50A
Voltage at Nominal Power (Vmp)	36.7V	36.8V	36.9V	37.0V	37.1V	37.2V	37.3V	37.4V	37.5V
Current at Nominal Power (Imp)	8.18A	8.29A	8.41A	8.52A	8.63A	8.74A	8.85A	8.96A	9.07A
Module Efficiency (%)	15.46	15.72	15.98	16.23	16.49	16.75	17.01	17.26	17.52
Operating Temperature	-40°C to +85°C								
Maximum System Voltage	1000V DC								
Fire Resistance Rating	Type 1 (in accordance with UL1703)/Class C (IEC61730)								
Maximum Series Fuse Rating	15A								

STC: irradiance 1000W/m² , Cell temperature 25°C, AM1.5

Nominal Power (Pmax)	221W	224W	228W	232W	236W	239W	243W	247W	251W
Open Circuit Voltage (VOC)	41.7V	41.8V	41.9V	42.0V	42.1V	42.2V	42.3V	42.4V	42.5V
Short Circuit Current (ISC)	7.03A	7.10A	7.17A	7.23A	7.32A	7.41A	7.50A	7.60A	7.70A
Voltage at Nominal Power (Vmp)	33.4V	33.5V	33.6V	33.7V	33.8V	33.9V	34.0V	34.1V	34.2V
Current at Nominal Power (Imp)	6.62A	6.69A	6.79A	6.89A	6.98A	7.05A	7.15A	7.25A	7.34A

NOCT: Irradiance 800W/m² , Ambient temperature 20°C, Wind Speed 1 m/s

WE ARE PROUDLY SERVING

Industrial Sector

Residential Sector

Commercial Sector

Agriculture Sector



GET A FREE
CONSULTATION

شاندار کار کا دگی ، محفوظ بجلی کی فراہمی

PROJECT STANDARDS BY TAJ SOL

چمکتا پاکستان تاج سول کے ساتھ



EVENTS BY TAJ SOL



Head Office: The Plaza, Office#118, Plot No.G-7, Block 9, KDA Scheme No.5 Kehkashan Clifton, Karachi.

Regional Office: Taj Petroleum Service, near Sukkur Bus Terminal, Shikarpur Road, Sukkur

Contact us : +92 21 35308637-38, +92 341 0050000 | **email:** info@tajsol.com | **website:** www.tajsol.com