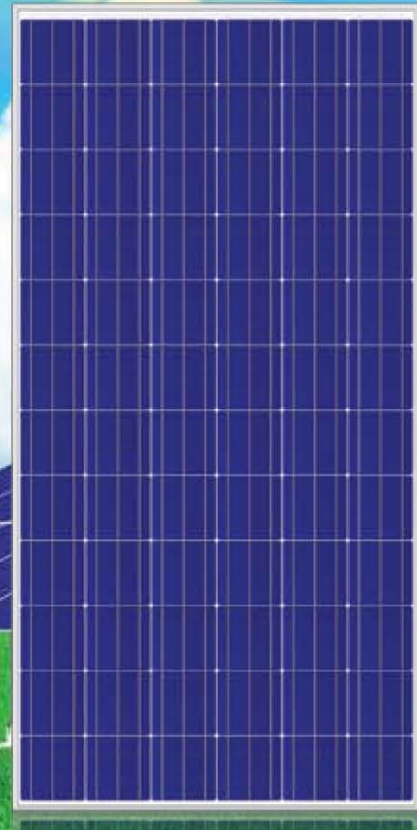


# Poly Crystalline Solar Module 260~300



## Electrical Specification



		TS-M260	TS-M265	TS-M270	TS-M275	TS-M280	TS-M285	TS-M290	TS-M295	TS-M300
Nominal power [Wp]	Pmpp	260	265	270	275	280	285	290	295	300
Voltage at nominal power [V]	Vmpp	34.94	35.47	35.91	36.33	36.80	37.11	37.52	37.78	37.98
Current at nominal power [A]	Impp	7.44	7.47	7.52	7.57	7.61	7.68	7.73	7.81	7.90
Open-circuit voltage [V]	Voc	43.78	44.28	44.61	45.03	45.46	45.87	46.28	46.63	47.03
Short-circuit current [A]	Isc	7.82	7.88	7.97	8.04	8.11	8.18	8.25	8.33	8.40
Module efficiency level [%]		13.43	13.68	13.94	14.20	14.46	14.72	14.98	15.23	15.49
Output tolerance [%]		±2	±2	±2	±2	±2	±2	±2	±2	±2

Performance under standard test conditions (STC) : 1000W/m<sup>2</sup>, 25°C, AM 1.5  
Mechanical load at 5400 Pa/500kg has been performed

## Poly Crystalline Solar Module

PV system installer  
PV Module Manufacturing Business



## Mechanical characteristics

Solar cells	72 Polycrystalline 6"silicon cells(156x156mm)
Front cover	Low iron tempered glass 4.0mm
Back cover	White polyester
Frame	Silver anodized aluminum
Junction box	3 bypass diodes
Dimensions (HxWxT)	1960 x 988 x 40mm
Weight	24kg





### Thermal characteristics

Temperature coefficients of Isc	0.02 %/°C
Temperature coefficients of Voc	-0.34 %/°C
Temperature coefficients of Pm [%]	-0.43 %/°C
NOCT	47°C ±2

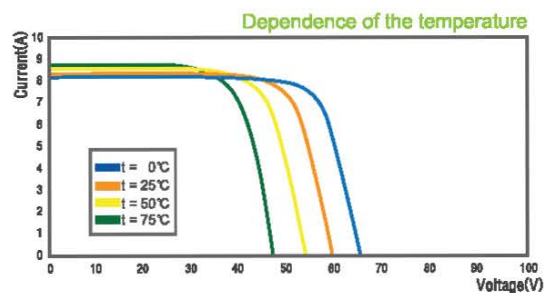
### Limits

Operating Temperature	-40°C to +90°C
Storage Temperature	-40°C to +90°C
Maximum System Voltage	DC 1,000V

### Warranty

Free from defects in materials and workmanship for 10years  
 90% power output over 10years  
 80% power output over 25years

### I-V Curve



### Technical Drawings

