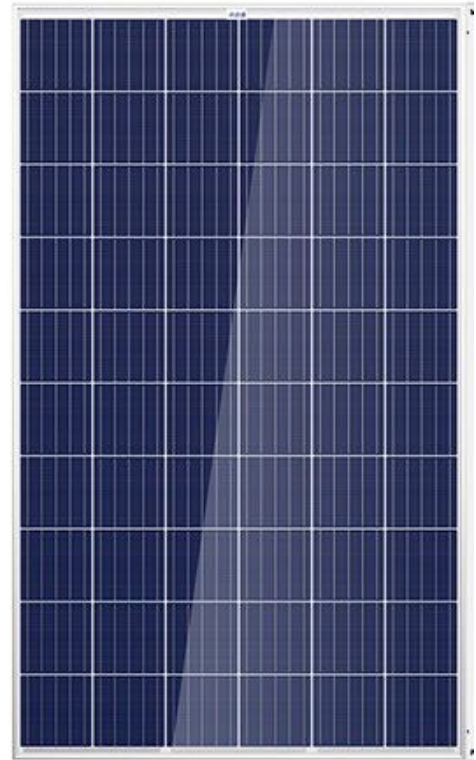


## ONEX SOLAR MODULE

### POLYCRYSTALLINE

TDC280P6-60      280W



#### KEY FEATURES

- High module conversion efficiency, through superior manufacturing technology
- Guaranteed power output tolerance from -3 to +3%
- Excellent performance under low-light irradiance environment
- Anodized aluminum is mainly for improving corrosion resistance
- Highly transparent, low iron tempered glass
- Entire module certified to withstand high wind loads (2400Pa) and snow load (5400Pa)

#### WARRANTY

- 10-years material and workingmanship warranty
- 12-years for a guaranteed minimum benefit of 90%
- 25-years for a guaranteed minimum benefit of 80%
- 25-years warranty

# Polycrystalline 60 cells photovoltaic module

Your  
Best PV  
Supplier

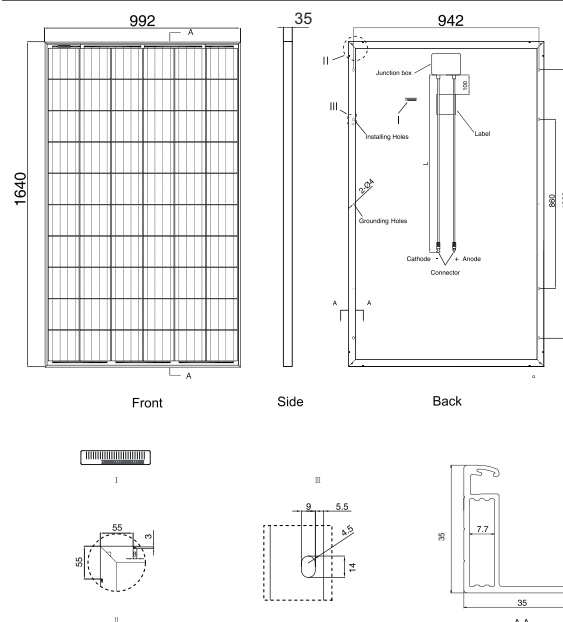
## ELECTRICAL SPECIFICATIONS

Model Type	TDC-P280-60	
Peak Power (Pmax)	280W	
Module Efficiency	17.21%	
Maximum Power Voltage (Vmp)	31.7V	
Maximum Power Current (Imp)	8.84A	
Open Circuit Voltage (Voc)	38.5V	
Short Circuit Current (Isc)	9.54A	
Power Tolerance	±3%	
Maximum System Voltage	DC 1500V	
Operating Temperature	-40°C--+85°C	
Series Fuse Rating (A)	20A	
Number of Bypass Diode	3	
Normal Operating Cell Temperature(NOCT)	45°C±2°C	

## MECHANICAL SPECIFICATIONS

Cell Type	Polycrystalline 156*156mm
No.of Cells	60(6*10)
Dimensions	1640*992*35mm(L*W*H)
Weight	18kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67//IP65 6diodes
Cable	TUV 1×4.0mm, Length:900mm
Connectors	MC4/MC4 Comparable
Container's model	784pcs (40''High Cube Container)

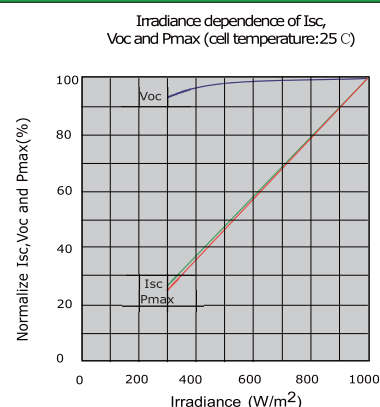
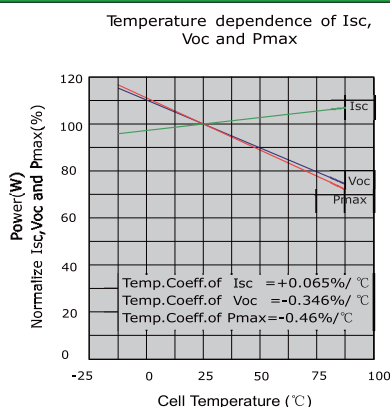
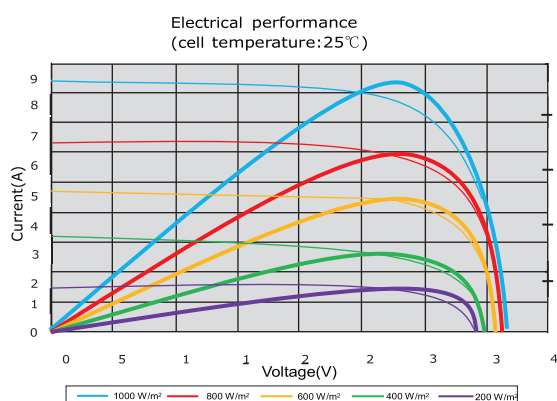
## PHYSICAL CHARACTERISTICS Unit:mm



## TEMPERATURE COEFFICIENT

Temp.Coeff. of Isc (TK Isc)	+0.065%/°C
Temp.Coeff. of Voc(TK Voc).	-0.346%/°C
Temp.Coeff. of Pmax(TK Pmax)	-0.46%/°C

## ELECTRICAL CHARACTERISTICS



Note:the specifications are obtained under the Standard Test Conditions (STCs):1000W/m2 solar irradiance , 1.5 Air Mass , and cell temperature of 25°C ;  
The NOCT is obtained under the Test Conditions : 800W/m2,20°C ambient temperature , 1m/s wind speed ,AM 1.5 spectrum.