

**TracksunSolar,  
For Our Future!**

**\*SUPER QUALITY\*  
\*HIGH EFFICIENCY\*  
\*STRONG POWER\***



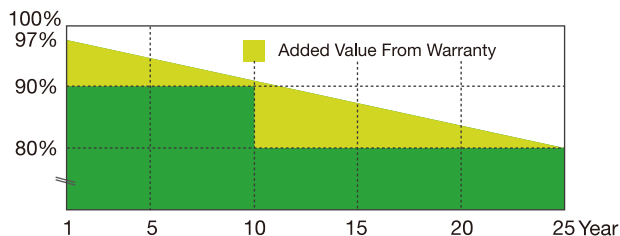
## TS-270P-60/ Polycrystalline 60 cells

### 1 Reliable Quality







- Positive power tolerance: 0~+5W
- 100% EL double-inspection ensures modules are defects free
- Modules binned by current to improve system performance
- Potential Induced Degradation (PID) Resistant

### 2 Superior Warranty

- 10-year product warranty
- 25-year linear power output warranty



### 3 Key features

-  Polycrystalline modules designed for commercial and solar farm grid-tied applications
-  High power output and highest conversion efficiency
-  Anti-reflective and anti-soiling surface reduces power loss from dirt and dust
-  Outstanding performance in low-light irradiance environments
-  Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)
-  High salt and ammonia resistance certified by TÜV NORD



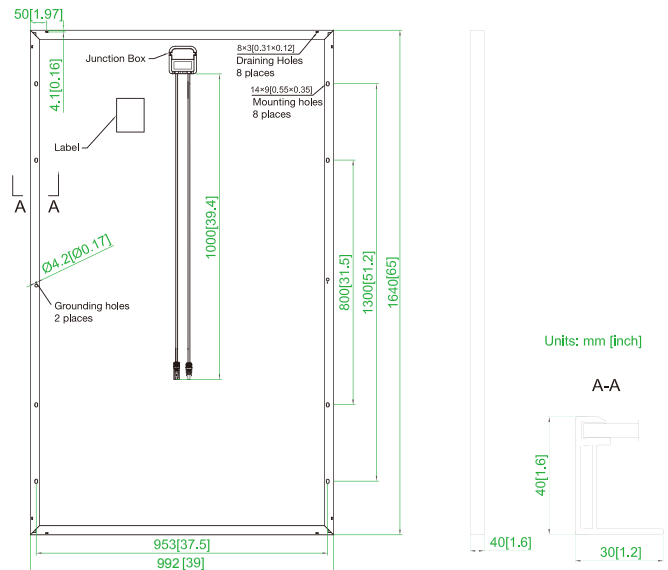
## Mechanical Parameters

Cell (mm)	Poly 156x156
Weight (kg)	18 (approx)
Glass Thickness	4/3.2mm
Dimensions (LxWxH) (mm)	1640x992x35
Cable Cross Section Size (mm <sup>2</sup> )	4
No. of Cells and Connections	60 (6x10)
Junction Box	IP67
Connector	MC4 Compatible
Packaging Configuration	26 Per Pallet

## Working Conditions

Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	15A
Maximum Static Load, Front (e.g., snow and wind)	5400Pa (112 lb/ft <sup>2</sup> )
Maximum Static Load, Back (e.g., wind)	2400Pa (50 lb/ft <sup>2</sup> )
NOCT	45±2°C
Application Class	Class A

## Engineering Drawings



## Electrical Parameters

Module	TS-270P-60
Rated Maximum Power at STC (W)	270
Open Circuit Voltage (Voc/V)	37.95
Maximum Power Voltage (Vmp/V)	31.61
Short Circuit Current (Isc/A)	9.17
Maximum Power Current (Imp/A)	8.54
Module Efficiency [%]	16.60
Power Tolerance (W)	-0 ~ +5W
Temperature Coefficient of Isc (αIsc)	+0.058%/°C
Temperature Coefficient of Voc (βVoc)	-0.330%/°C
Temperature Coefficient of Pmax (γPmp)	-0.410%/°C

STC Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass 1.5

## I-V Curve

