

**TracksunSolar,
For Our Future!**

SUPER QUALITY
HIGH EFFICIENCY
STRONG POWER



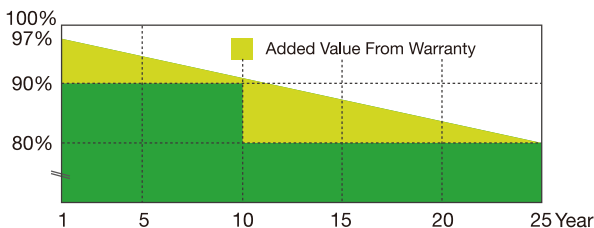
TS-330P-72/Polycrystalline 72 cells 300w-330w

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



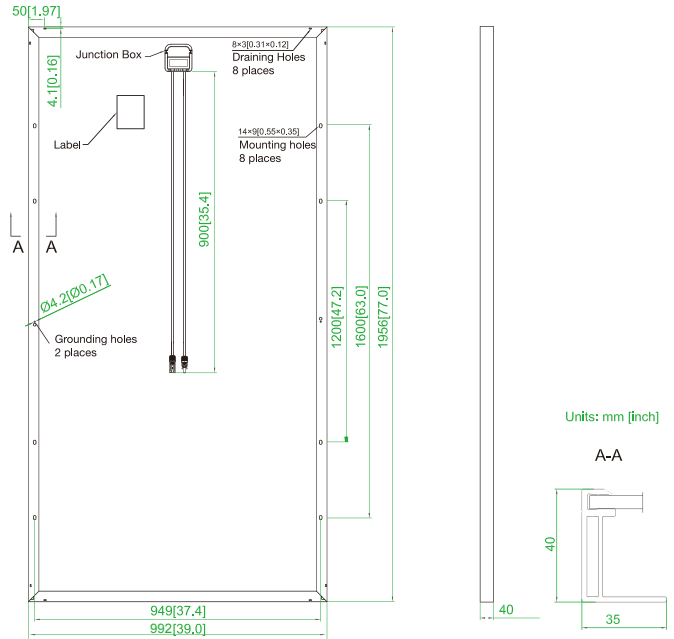
Mechanical Parameters

Cell (mm)	Poly 156x156
Weight (kg)	21 (approx)
Glass Thickness	4/3.2mm
Dimensions (L×W×H) (mm)	1956×992×40
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	72 (6×12)
Junction Box	IP67
Connector	MC4 Compatible
Packaging Configuration	23 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 ²)
Maximum Static Load, Back (e.g., wind)	2400Pa (50 lb/ft ²)
NOCT	45±2°C
Application Class	Class A

Engineering Drawings



Electrical Parameters

Module	TS-300P-72	TS-310P-72	TS-320P-72	TS-330P-72
Peak Power Watts-P _{MAX} (Wp)*	330	310	320	330
Power Output Tolerance-P _{MAX} (W)		0 ~ +5		
Maximum Power Voltage-V _{MPP} (V)	37.23	37.32	37.62	38.48
Maximum Power Current-I _{MPP} (A)	8.06	8.31	8.51	8.58
Open Circuit Voltage-V _{OC} (V)	44.71	44.76	44.84	45.49
Short Circuit Current-I _{SC} (A)	8.95	9.23	9.27	9.31
Module Efficiency η _m (%)	15.46	15.98	16.49	17.07
Temperature Coefficient of I _{sc} (αI _{sc})		+0.058%/°C		
Temperature Coefficient of V _{oc} (βV _{oc})		-0.330%/°C		
Temperature Coefficient of P _{max} (γP _{mp})		-0.410%/°C		
STC	Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass 1.5			

I-V Curve

