

**TracksunSolar,
For Our Future!**

SUPER QUALITY
HIGH EFFICIENCY
STRONG POWER

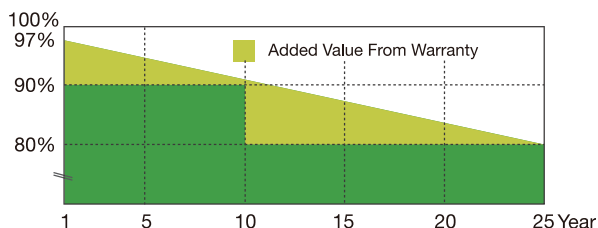
TS-355PB-72/5BB **Black Polycrystalline 72 cells 335w-355w**

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 SUD

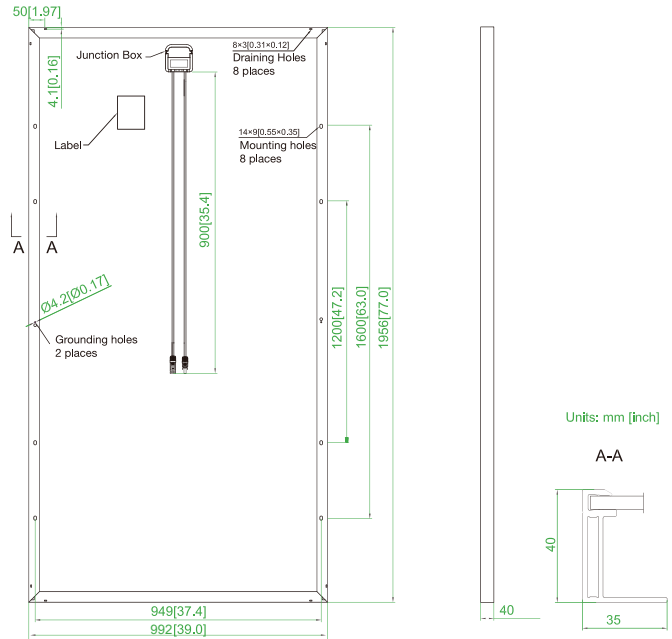
Mechanical Parameters

Cell (mm)	Poly 156x156
Weight (kg)	21 (approx)
Glass Thickness	4/3.2mm
Dimensions (L×W×H) (mm)	1956×992×35/40
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	72 (6×12)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	26 Per Pallet

Working Conditions

Maximum System Voltage	DC 1000V/1500V (IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	20A
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-335PB-72	TS-340PB-72	TS-345PB-72	TS-350PB-72	TS-355PB-72
Peak Power Watts-P _{MAX} (Wp)*	335	340	345	350	355
Power Output Tolerance-P _{MAX} (W)			0 ~ +5		
Maximum Power Voltage-V _{MPP} (V)	37.9	38.2	38.4	38.5	38.7
Maximum Power Current-I _{MPP} (A)	8.84	8.90	9.00	9.09	9.17
Open Circuit Voltage-V _{OC} (V)	46.3	46.5	46.7	46.9	47.0
Short Circuit Current-I _{SC} (A)	9.36	9.45	9.50	9.60	9.69
Module Efficiency η _m (%)	17.3	17.5	17.8	18.0	18.3
Temperature Coefficient of I _{sc} (atc)			+0.058%/°C		
Temperature Coefficient of V _{oc} (βVoc)			-0.330%/°C		
Temperature Coefficient of P _{max} (γPmp)			-0.410%/°C		
STC	Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass 1.5				

I-V Curve

