

**TracksunSolar,
For Our Future!**

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

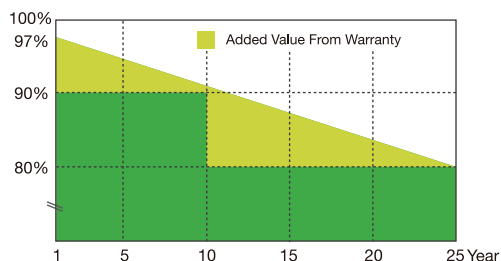
TS-370MB-72/5BB **Black Monocrystalline 60 cells 370w-400w**

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*



Monocrystalline 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 SÜD

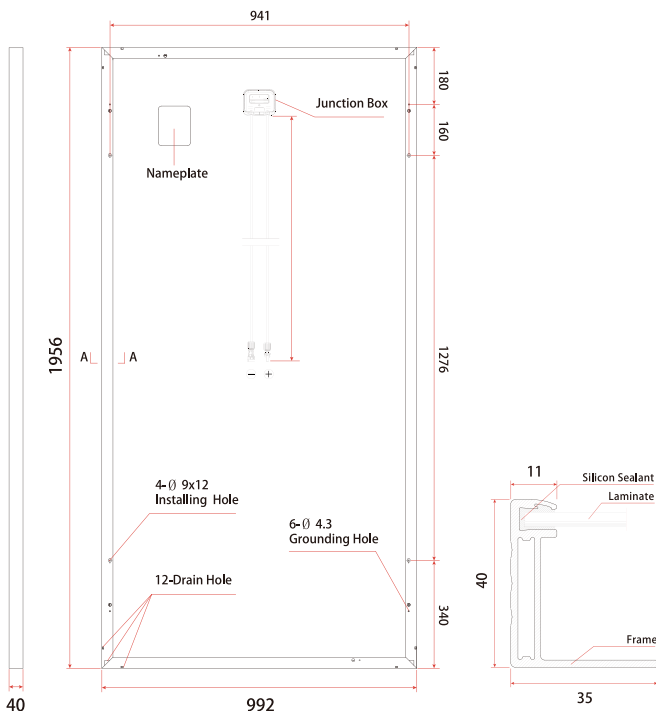
Mechanical Parameters

Cell (mm)	Mono 156.75 x 156.75
Weight (kg)	21.5(approx)
Glass Thickness	4/3.2mm
Dimensions (L×W×H) (mm)	1956×992×35/40
Cable Cross Section Size (mm ²)	3.2
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



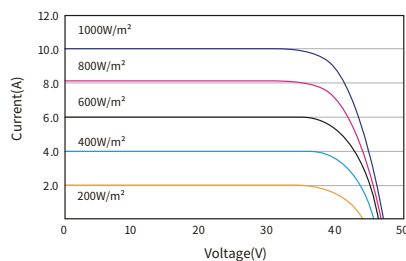
Electrical Parameters

Module

	370	380	390	400
Peak Power Watts-P _{MAX} (Wp)*	39.51	39.95	40.39	40.78
Maximum Power Voltage-V _{MPP} (V)	9.37	9.52	9.67	9.82
Maximum Power Current-I _{MPP} (A)	48.23	48.67	49.11	49.55
Open Circuit Voltage-V _{OC} (V)	10.03	10.22	10.41	10.59
Short Circuit Current-I _{SC} (A)	19.06	19.58	20.09	20.61
Module Efficiency η _m (%)				
Power Tolerance (W)	-0 ~ +5W			
Temperature Coefficient of Isc (α _{Isc})	+0.059%/°C			
Temperature Coefficient of Voc (β _{Voc})	-0.330%/°C			
Temperature Coefficient of Pmax (γ _{Pmp})	-0.410%/°C			
STC	Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass 1.5			

I-V Curve

I-V CURVES OF PV MODULE(375W)



P-V CURVES OF PV MODULE(375W)

