





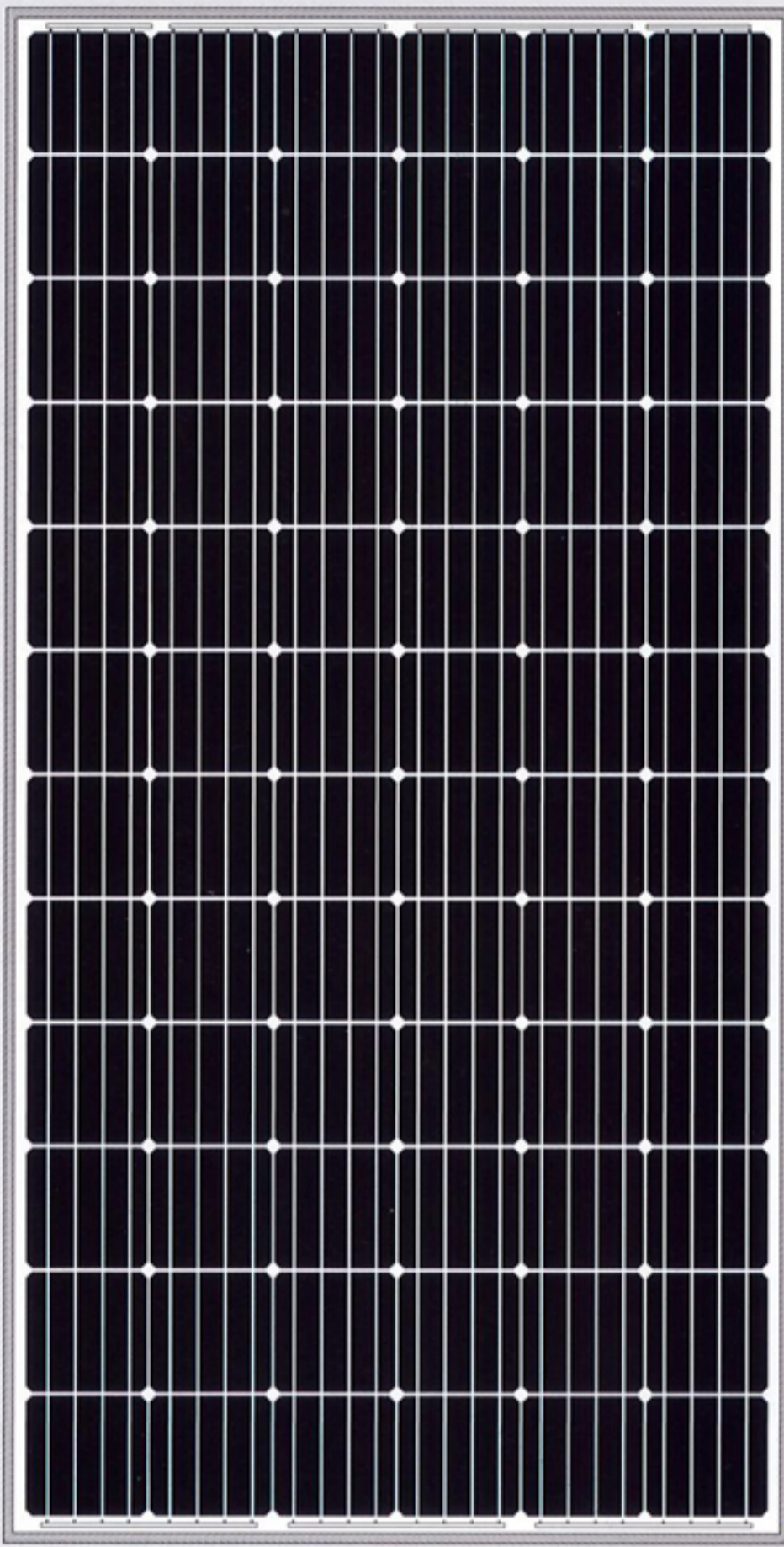


ENV340M-72

Monocrystalline 72 Cells 325W-345W

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 NORD



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

Mechanical Parameters

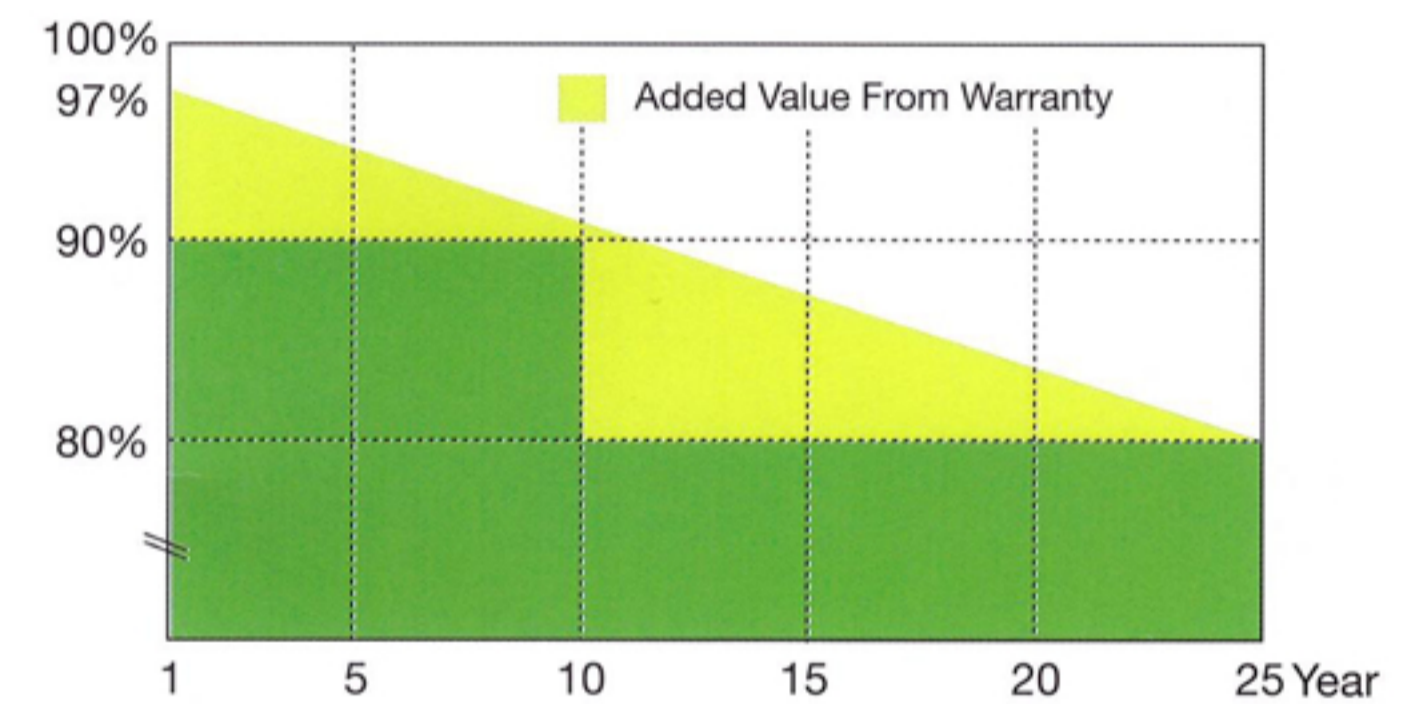
Cell (mm)	Mono 156x156
Weight (kg)	26 (approx)
Glass Thickness	4 mm
Dimensions (LxWxH) (mm)	1956x991x45
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	72 (6x12)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	23 Per Pallet

Working Conditions

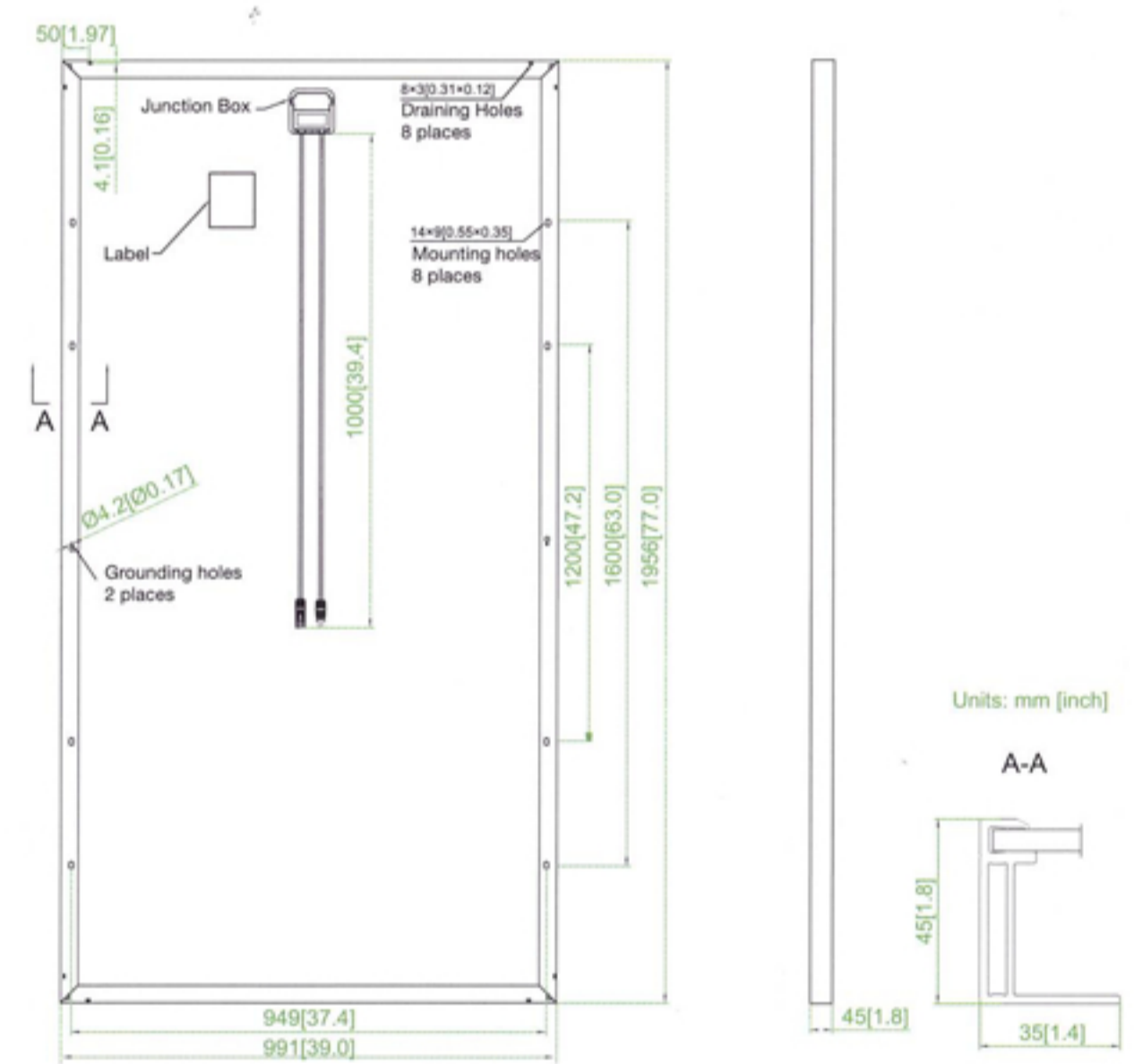
Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	15A
Maximum Static Load, Front (e.g., snow and wind)	5400Pa (112 lb/ft ²)
Maximum Static Load, Back (e.g., wind)	2400Pa (50 lb/ft ²)
NOCT	45±2°C
Application Class	Class A

Superior Warranty

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



Engineering Drawings



Electrical Parameters

Module	ENV325M-72	ENV330M-72	ENV335M-72	ENV340M-72	ENV345M-72
Rated Maximum Power at STC (W)	325	330	335	340	345
Open Circuit Voltage (Voc/V)	46.13	46.34	46.73	46.91	47.13
Maximum Power Voltage (Vmp/V)	37.21	37.57	37.92	38.17	38.39
Short Circuit Current (Isc/A)	9.25	9.29	9.32	9.41	9.48
Maximum Power Current (Imp/A)	8.73	8.78	8.83	8.91	8.99
Module Efficiency [%]	16.77	17.02	17.28	17.54	17.80
Power Tolerance (W)			-0~+5W		
Temperature Coefficient of Isc (αIsc)			+0.059%/°C		
Temperature Coefficient of Voc (βVoc)			-0.330%/°C		
Temperature Coefficient of Pmax (γPmp)			-0.410%/°C		
STC	Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass 1.5				

I-V Curve

