







ENV330P-72

Polycrystalline 72 Cells 330W-355W

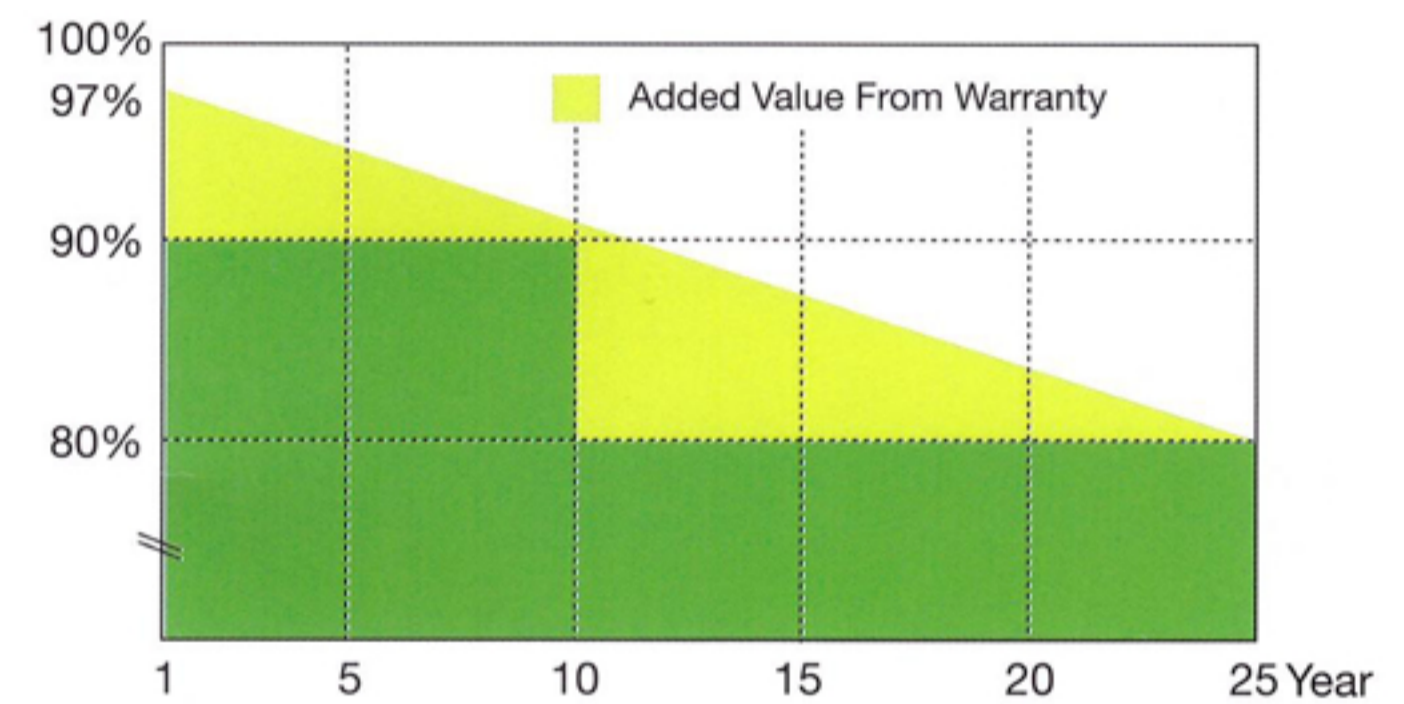


Key Features

-  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

Superior Warranty

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



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

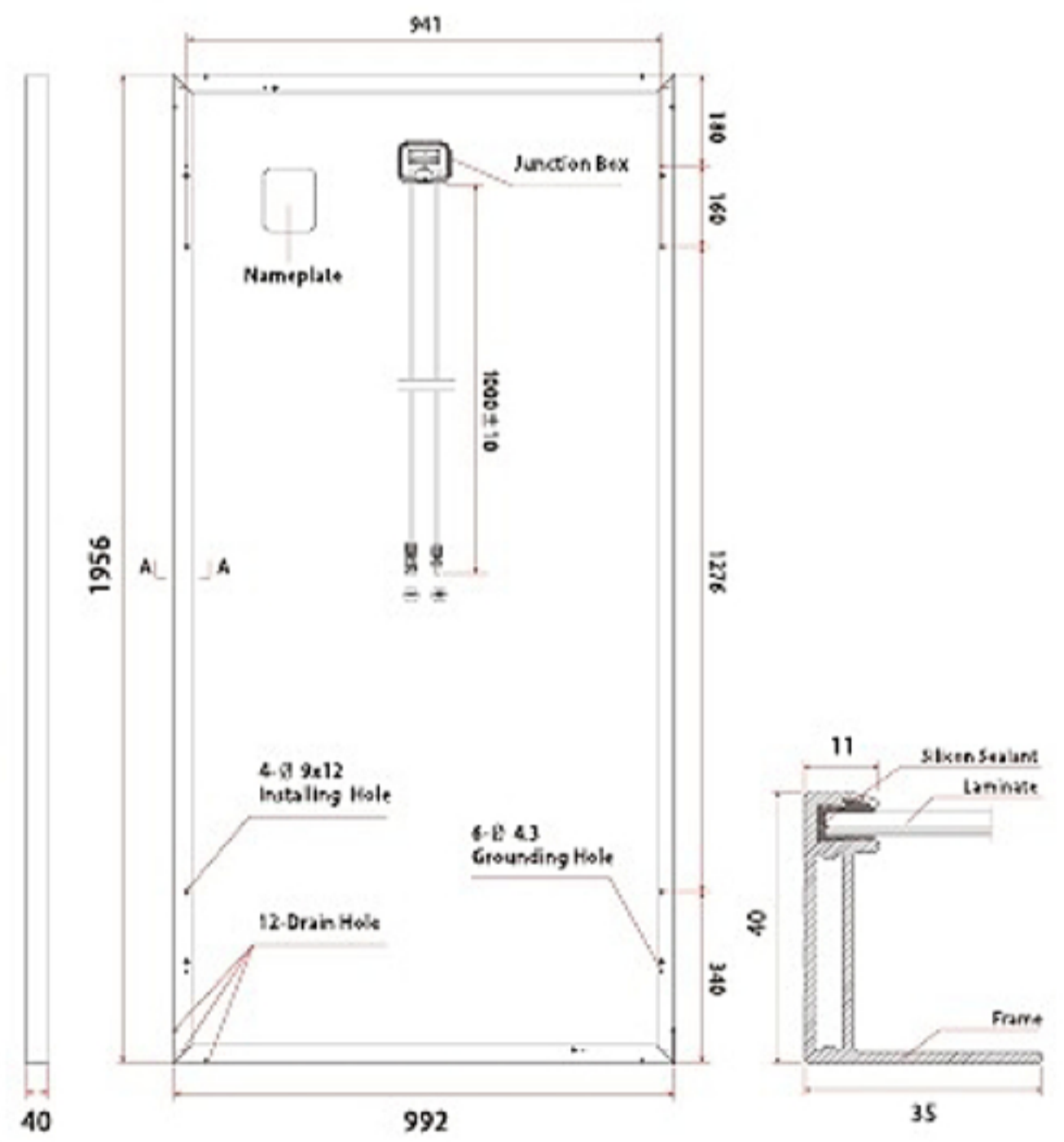
Mechanical Parameters

Cell(mm)	Poly 156x156
Weight(kg)	26 (approx)
Glass Thickness	4/3.2mm
Dimensions (LxWxH) (mm)	1956x991x45
Cable Cross Section Size(mm ²)	4
NO.ofCellsandConnections	72(6x12)
Junction Box	IP67 or IP68
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	ENV330P-72	ENV335P-72	ENV340P-72	ENV345P-72	ENV350P-72	ENV355P-72
Rated Maximum Power at STC (W)	330	335	340	345	350	355
Power Tolerance (W)	0 ~ +5					
Maximum Power Voltage (Vmp/V)	37.6	37.9	38.2	38.4	38.5	38.7
Maximum Power Current (Imp/A)	8.78	8.84	8.90	9.00	9.09	9.17
Open Circuit Voltage (Voc/V)	46.1	46.3	46.5	46.7	46.9	47.0
Short Circuit Current (Isc/A)	9.28	9.36	9.45	9.50	9.60	9.69
Module Efficiency [%]	17.0	17.3	17.5	17.8	18.0	18.3
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 ² , Cell Temperature 25°C, Air Mass 1.5					

I-V Curve

