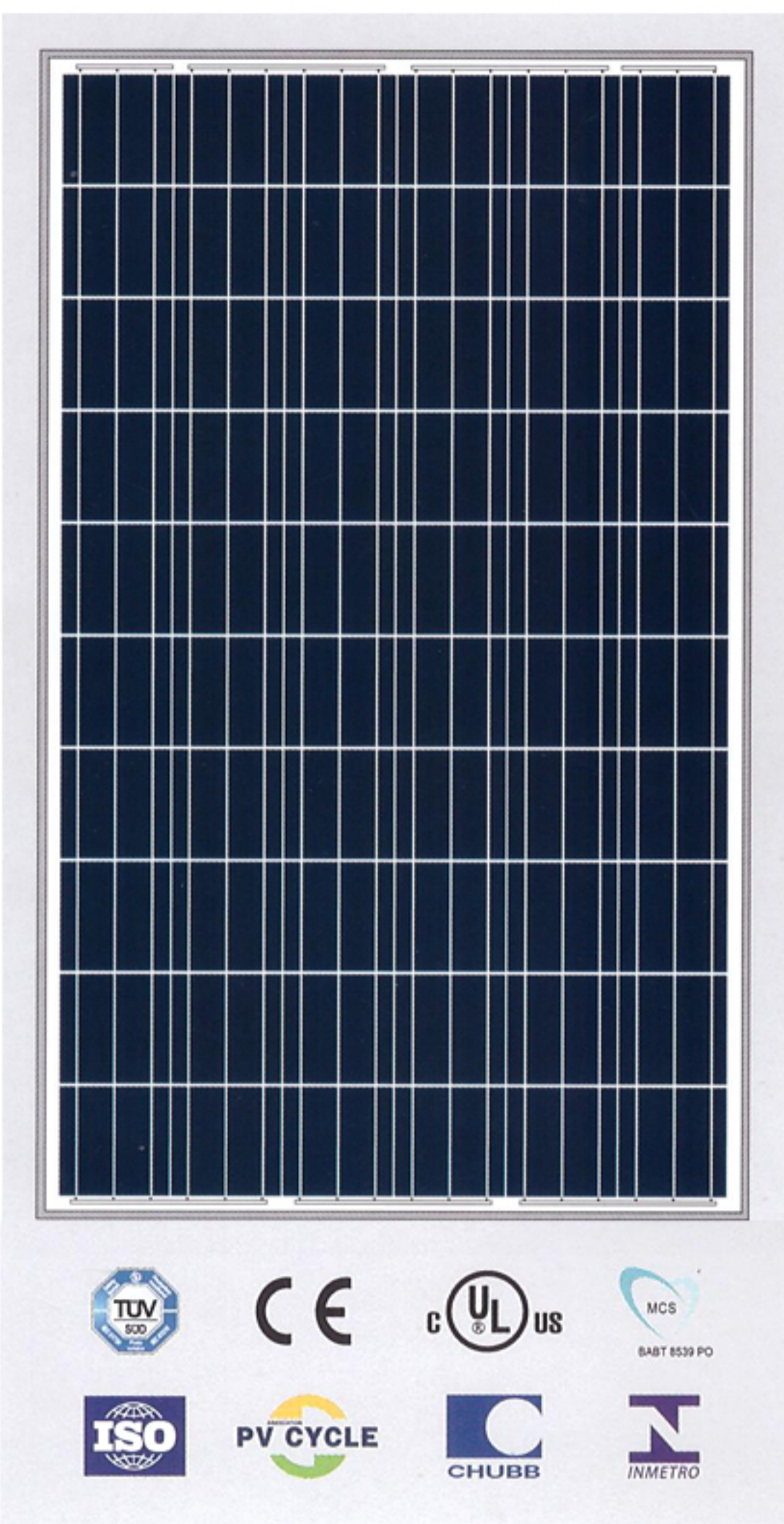


# ENV265P-60

## Polycrystalline 60 Cells 245W-265W

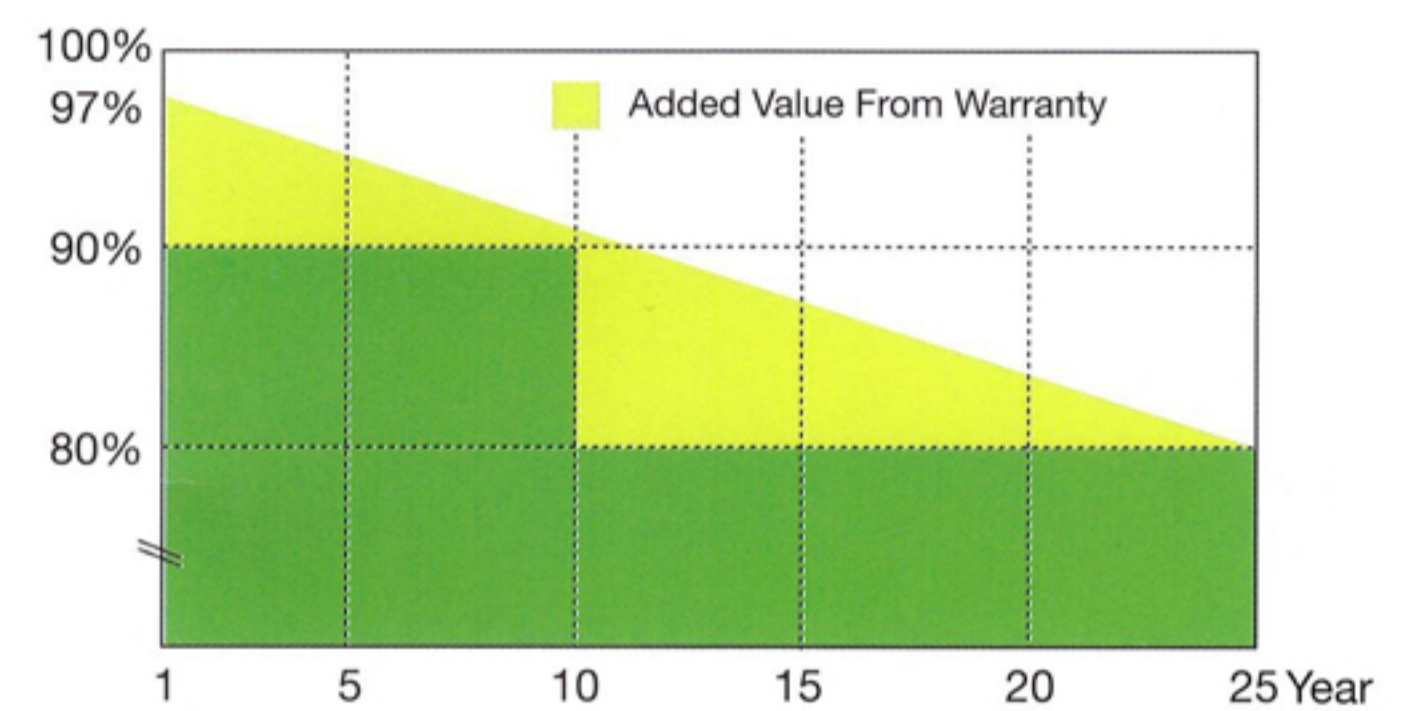


### Key Features

- Polycrystalline modules designed for commercial and solar farm grid-tied applications
- High output, 16.21% 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

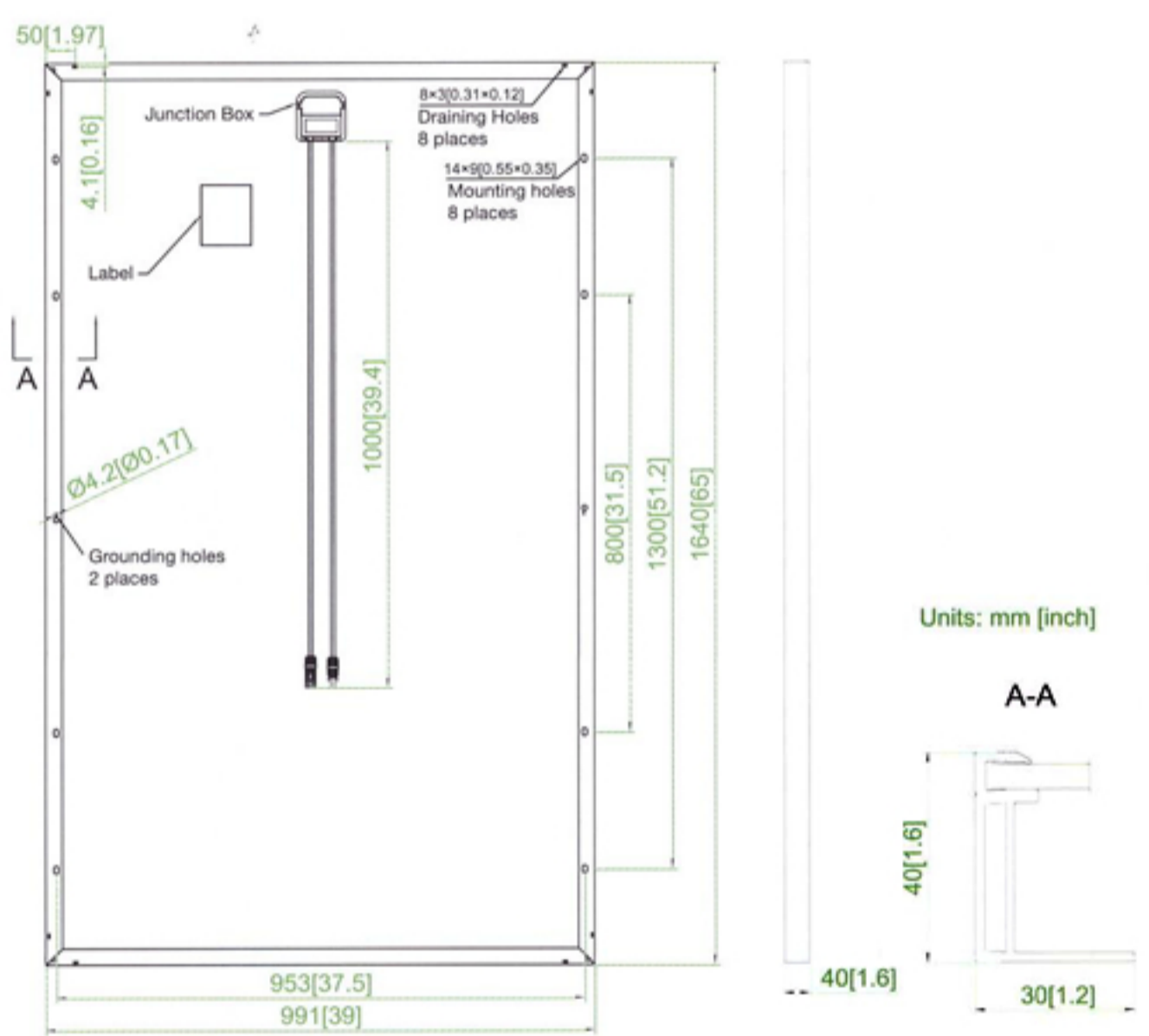
### Mechanical Parameters

Cell (mm)	Poly 156x156
Weight (kg)	18.2 (approx)
Dimensions (LxWxH) (mm)	1640x991x40
Cable Cross Section Size (mm <sup>2</sup> )	4
No. of Cells and Connections	60 (6x10)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	26 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 <sup>2</sup> )
Maximum Static Load, Back (e.g., wind)	2400Pa (50 lb/ft <sup>2</sup> )
NOCT	45±2°C
Application Class	Class A

### Engineering Drawings



### Electrical Parameters

Module	ENV245P-60	ENV250P-60	ENV255P-60	ENV260P-60	ENV265P-60
Rated Maximum Power at STC (W)	245	250	255	260	265
Open Circuit Voltage (Voc/V)	37.50	37.66	37.82	37.98	38.14
Maximum Power Voltage (Vmp/V)	29.59	29.94	30.29	30.63	30.96
Short Circuit Current (Isc/A)	8.86	8.92	8.98	9.04	9.10
Maximum Power Current (Imp/A)	8.28	8.35	8.42	8.49	8.56
Module Efficiency [%]	14.98	15.29	15.59	15.90	16.21
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 <sup>2</sup> , Cell Temperature 25°C, Air Mass 1.5				

### I-V Curve

