

## APEXPOLY-170W

Poly Crystalline Module

Positive Power Tolerance 0~+3

IEC 61730



### KEY FEATURES

#### 5 Busbar Solar Cell



5 Busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



#### High Power Output

Polycrystalline 36-cell module achieves a power output up to 170wp.



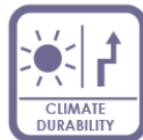
#### PID Resistant

Eagle modules pass PID test, limited power degradation by PID test is guaranteed for mass production.



#### Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance



#### Temperature Coefficient

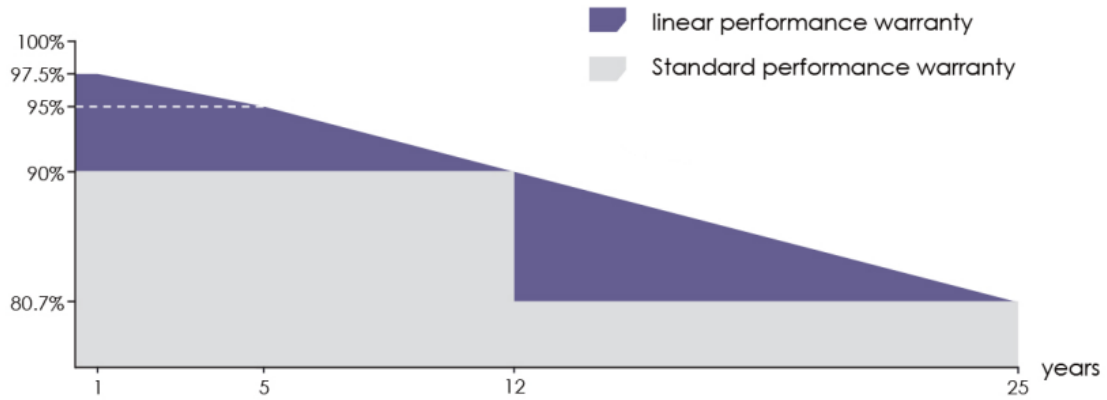
Improved temperature coefficient decreases power loss during high temperatures.

## LINEAR PERFORMANCE WARRANTY

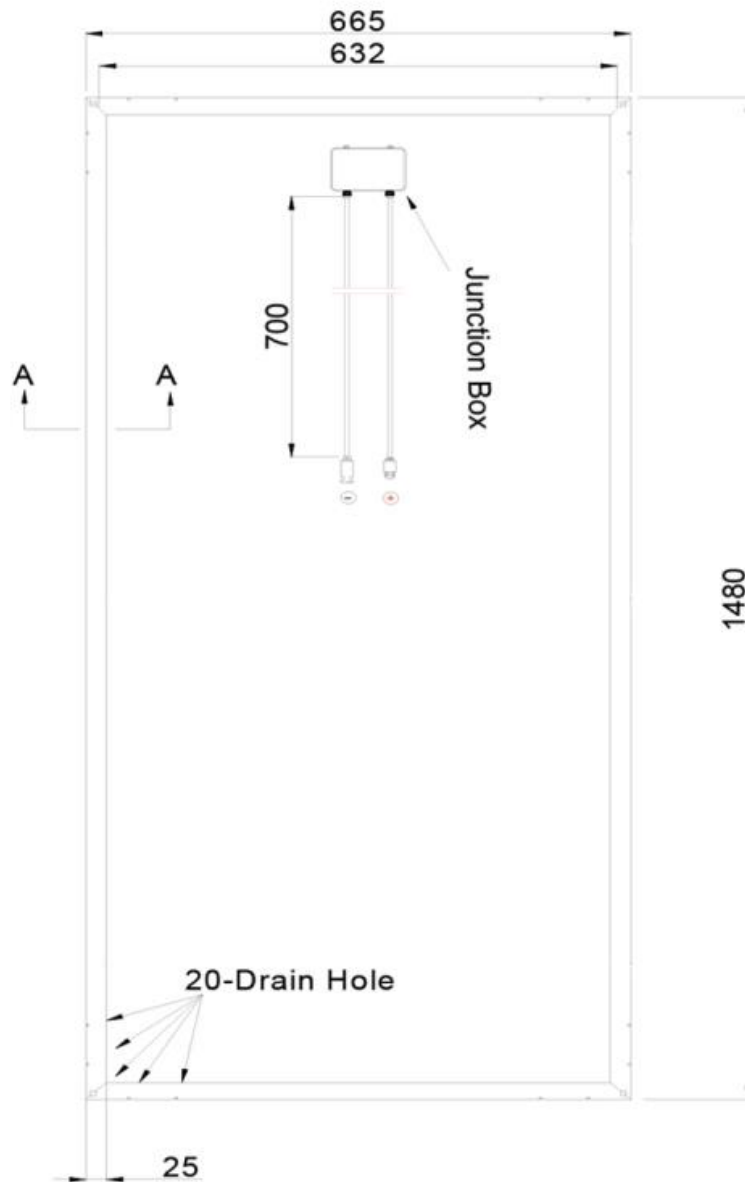
12 Year Product Warranty

25 Year Linear Power Warranty

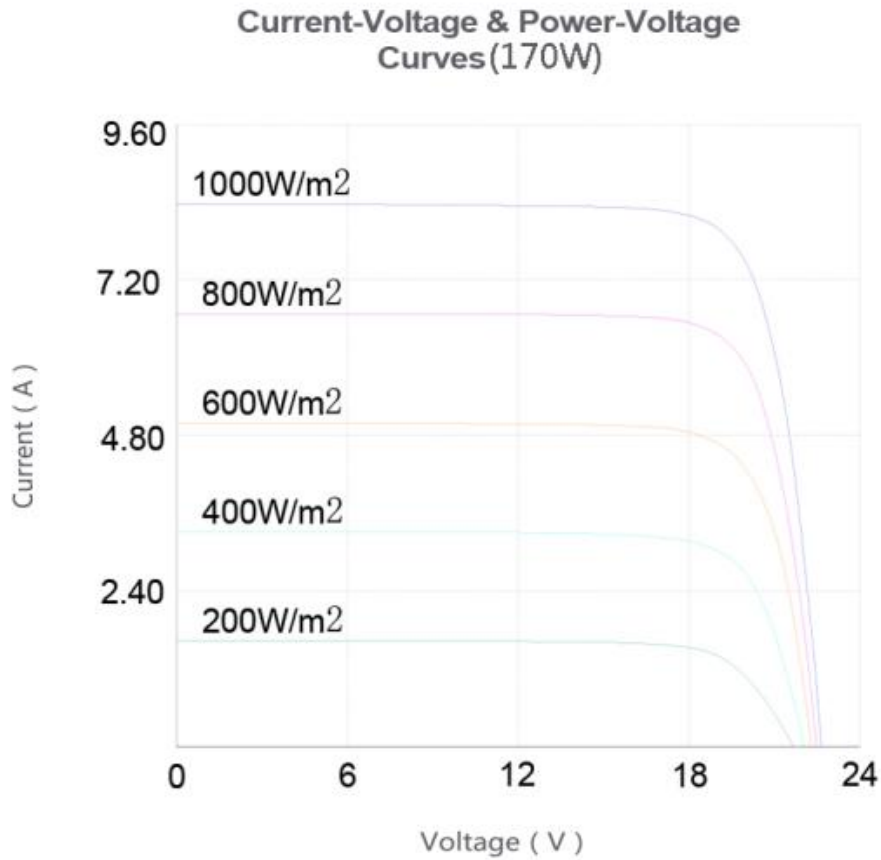
### Warranty Power Performance



### MECHANICAL DRAWING



## ELECTRIAL PERFORMANCE & TEMPERATURE DEPENDENCE



## MECHANICAL CHARACTERISTICS

Cell Type	Poly-Crystalline 157x157
No. of Cells	36 (4x9)
Dimensions	665x1480x30mm
Weight	10.6 kg
Front Glass	3.2mm, Anti-Refleciton Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP65
Output Cables	TÜV 1x40mm, Lenght 700mm or Customized Lenght

## PALLETIZING CONFIGURATION

35pcs/pallet, 70pcs/stack, 1575pcs/40'HQ Container

\*(Two pallets = One stack)

## SPECIFICATIONS

Modul Type	APEXPOLY-170W
	STC
Max. Power (Pmax)	170W
Max. Power Voltage (Vmp)	19.29V
Max. Power Current (Imp)	8.82A
Open Circuit Voltage (Voc)	23.76V
Short Circuit Voltage (Isc)	9.21A
Module Efficiency STC (%)	17.27%
Operating Temperature (°C)	-40°C~+85°C
Max. System Voltage	1000VDC(IEC)
Max. Series Fuse Rating	15A
Power Tolerance	0~+3W
Temperature Coefficients Of Pmax	-0.389/%°C
Temperature Coefficients Of Voc	-0.340/%°C
Temperature Coefficients Of Isc	0.0576/%°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

STC: 

Irradiance 1000W/m<sup>2</sup>



Cell Temperature 25°C



AM=1.5

NOCT: 

Irradiance 800W/m<sup>2</sup>



Cell Temperature 20 °C



AM=1.5



Wind Speed 1m/s

\*Power measurement tolerance ±5W



**MERKEZ**

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