



**APEXM6HCFB-230W**

**Half-Cut Monocrystalline Module**

**Positive Power Tolerance 0~+5**

**IEC 61730**



## KEF FEATURES



### High Reliability

Multi-busbar technology can effectively reduce the reliability risk caused.



### Durability Against Extreme Conditions

Certified to resist high salt mist and ammonia conditions.



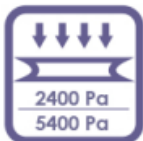
### High Efficiency

Multi-busbar technology can reduce the module internal power loss to



### Low-Light Performance

With high transmittance and anti-reflective 3.2mm tempered glass, the module



### High Mechanical Strength

Certified to withstand: wind load(2400Pa) and snow load(5400Pa).

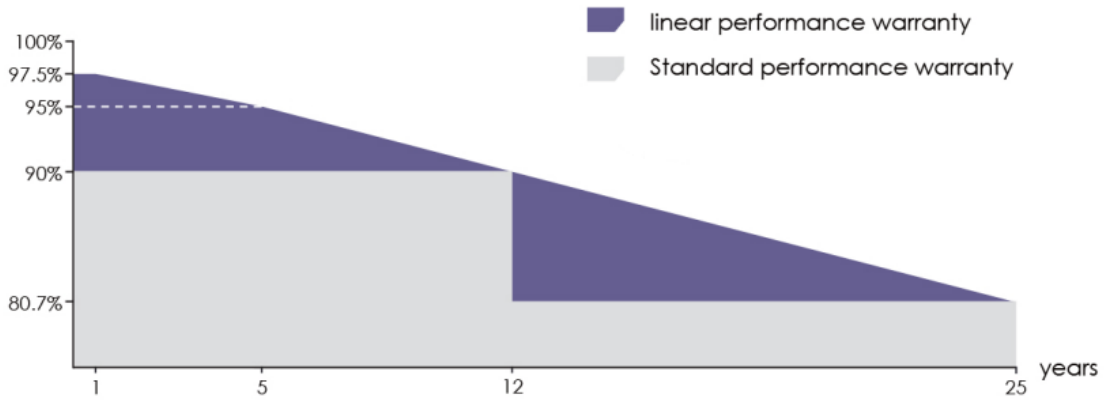


## LINEAR PERFORMANCE WARRANTY

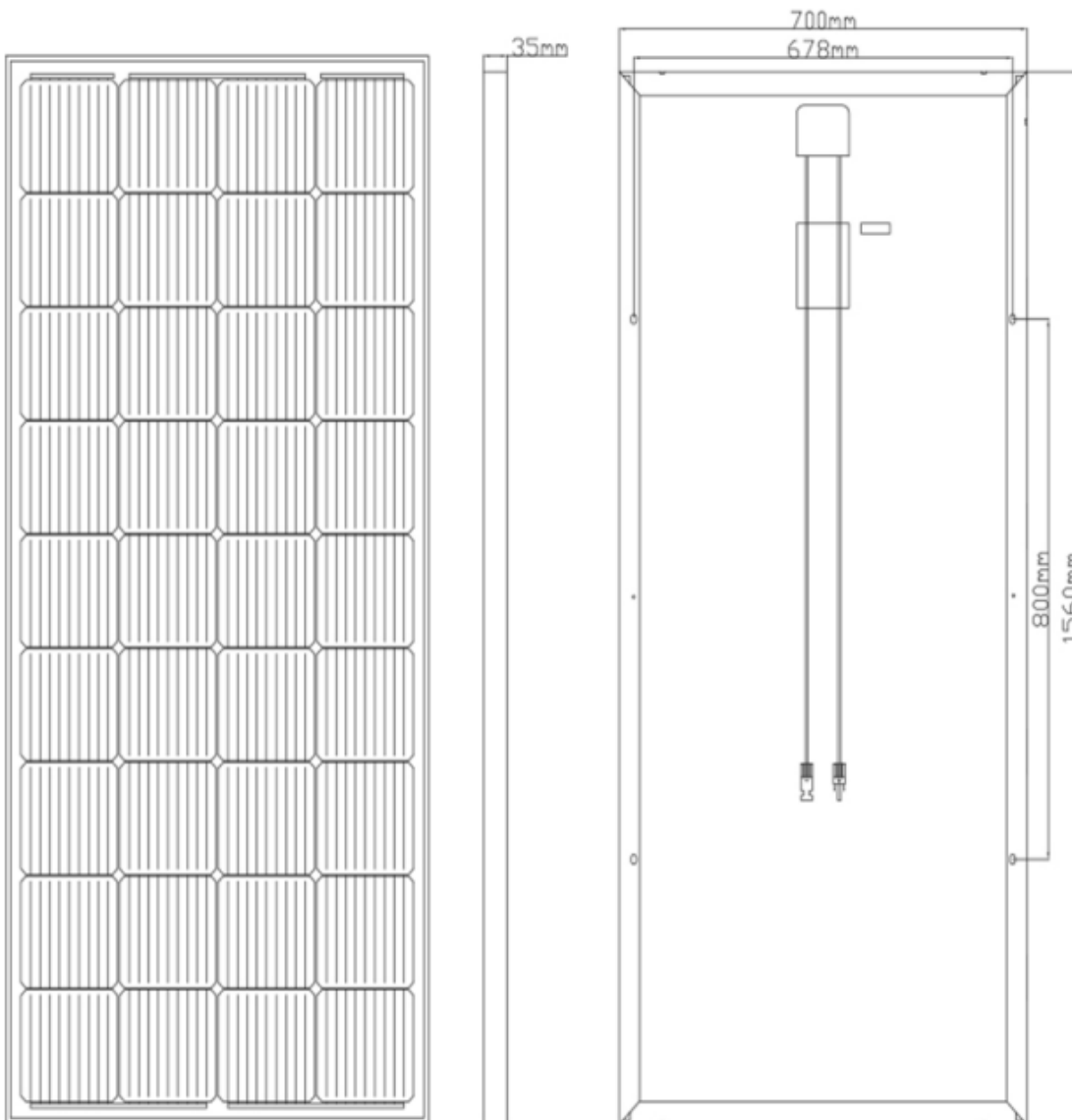
12 Year Product Warranty

25 Year Linear Power Warranty

### Warranty Power Performance

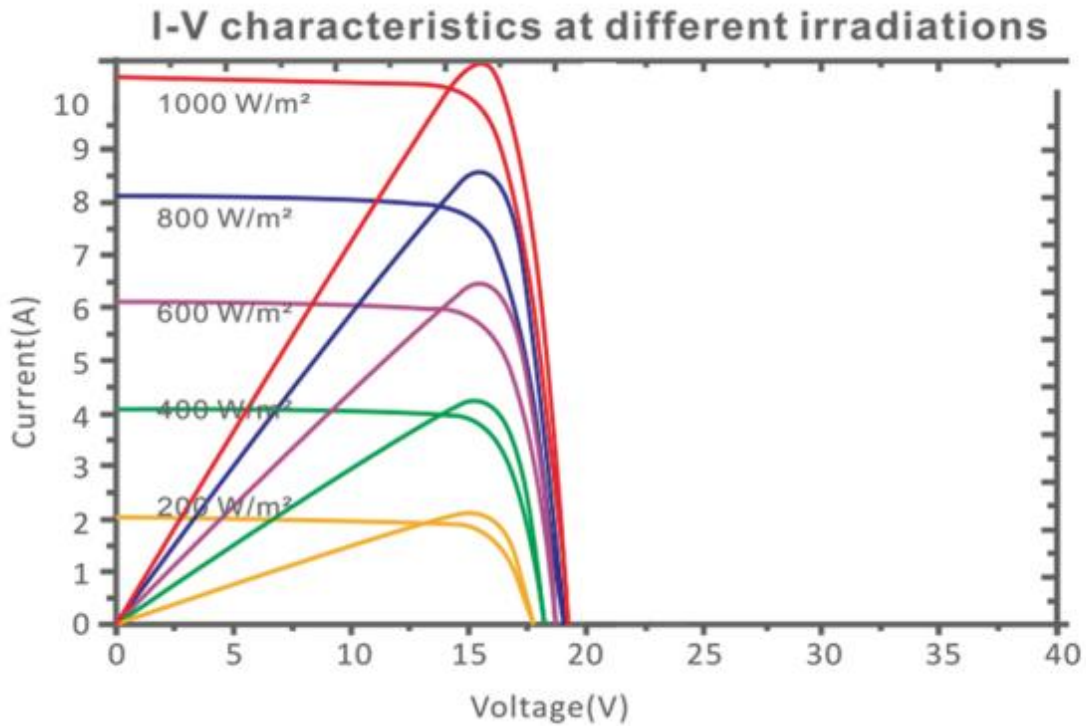


## MECHANICAL DRAWING



## ELECTRIAL PERFORMANCE & TEMPERATURE DEPENDENCE

Current-Voltage & Power-Voltage Curves  
(230W)



## MECHANICAL CHARACTERISTICS

Cell Type	Mono-crystalline 166x83mm, 9BB
No. of Cells	72 (4x18)
Dimensions	1590x705x30 (mm)
Weight	15 kg
Front Glass	3.2 mm Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 / IP67
Output Cables	Photovoltaic Technology Cables

## PALLETIZING CONFIGURATION

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

\*(Two pallets = One stack)

## SPECIFICATIONS

Modul Type	APEXM6HCFB-230W
	STC
Max. Power (Pmax)	230W
Max. Power Voltage (Vmp)	21.15V
Max. Power Current (Imp)	10.87A
Open Circuit Voltage (Voc)	25.38V
Short Circuit Voltage (Isc)	11.47A
Module Efficiency STC (%)	20.32%
Operating Temperature (°C)	-40°C~+85°C
Max. System Voltage	1000VDC(IEC)
Max. Series Fuse Rating	15A
Power Tolerance	0~+5W
Temperature Coefficients Of Pmax	-0.360/%°C
Temperature Coefficients Of Voc	-0.304/%°C
Temperature Coefficients Of Isc	0.050/%°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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