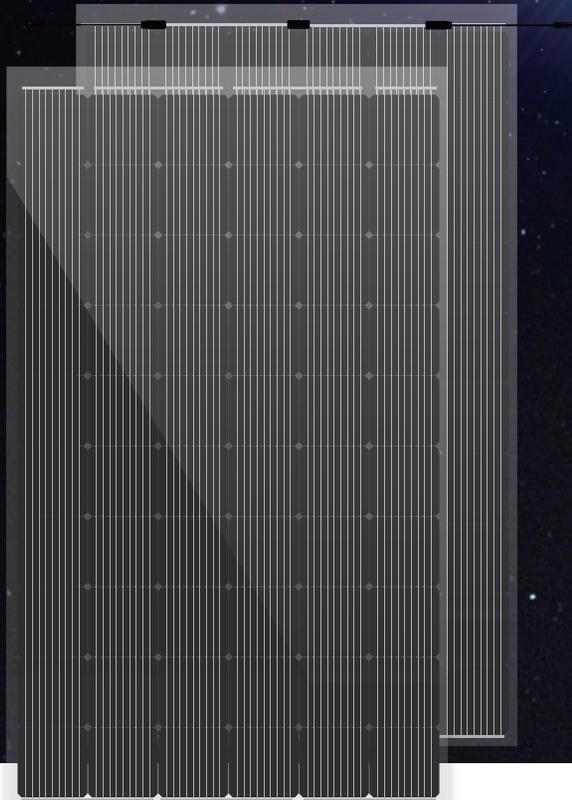


## > friSolar Z60 ANTIRELFEX 370 Watt Frameless

166mm 60cells PV Module



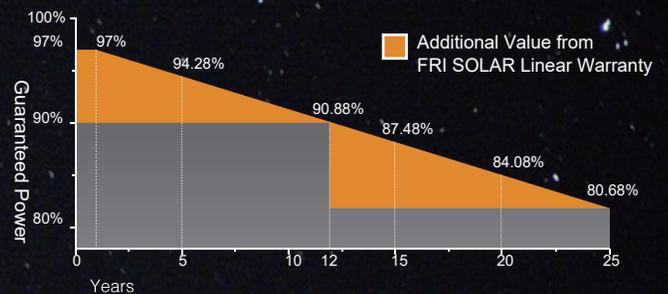
**ANTIREFLEX** FRONT GLASS OF THE PRODUCT IS ANTI-GLARE.



**12** Years  
Material & Craft  
Quality assurance

**12** Years  
90% Output  
Power guarantee

**25** Years  
80% Output  
Power guarantee



- > Extreme load resistance
- > Bifacial cell technology up to +20% more power
- > Glass/glass laminate for BIPV use cases

### > PRODUCT FEATURE



High transmissivity, low-iron tempered glass.



Using high efficiency bifacial solar cells



Excellent performance in low-light environments



High quality junction box and connector systems



100% inspection, to guarantee the reliability of solar systems



Anti LID



Anti PID



Lower temperature coefficient

### > MANAGEMENT SYSTEM



**ISO 9001 :**  
Quality management system



**ISO 14001 :**  
Standard for environmental management system

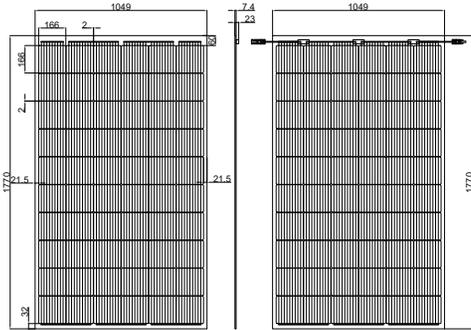


**OHSAS 18001 :**  
International standard for occupational health and safety assessment system

### > PRODUCT CERTIFICATES



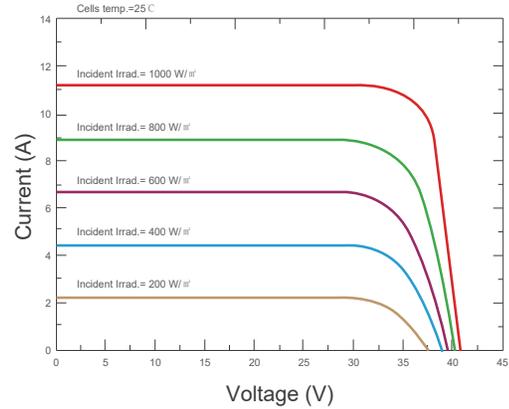
## Dimension Drawing



All Dimensions in mm  
The above drawing is a graphical representation of the product.  
For engineering quality drawings please contact FRI SOLAR.

## I-V Graph

Current-Voltage & Power-Voltage Curves (Z60)



## Electrical Characteristics (STC)

Module Type	Z60
	STC
Maximum Power- Pmax(W)	370
Open Circuit Voltage - Voc(V)	40.50
Short- Circuit Current - Isc(A)	11.18
Voltage at Pmax -Vmp(V)	34.86
Current at Pmax - Imp(A)	10.62
Module Efficiency -ηm(%)	19.93
Power Tolerance(W)	(0, +5W)
Maximum System Voltage(V)	1500Vdc (IEC / UL)
Maximum Series Fuse Rating (A)	30A

STC : Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass 1.5

NOCT : Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, Air Mass 1.5, Wind Speed 1m/s

## Mechanical Specifications

External Dimensions	1770*1049*7mm
Weight	30KG
Solar Cells	Mono crystalline 166x166mm (60pcs)
Front Glass	AG 3.2 mm anti-glare glass
Back Glass	3.2mm photovoltaic embossed glass
Junction Box	IP68
Output Cables	4.0mm <sup>2</sup> , 1200mm (+), 1200mm (-), length can be customized
Connector	Stäubli MC4
Mechanical Load	Front Side Max. 5400Pa, Rear Side Max. 2400Pa

## Temperature Characteristics

Pmax Temperature Coefficient	-0.370%/°C
Voc Temperature Coefficient	-0.28%/°C
Isc Temperature Coefficient	+0.048%/°C
Operating Temperature	-40~+85°C
Nominal Operating Cell Temperature	45±2°C