

**HIGH PERFORMANCE MONOCRYSTALLINE MODULE**

# Dual Core™

**Dual Core™** Created by Eging PV we use the most advanced PERC solar cells and assembling technology to bring in another round of revolutionary changes.

## 4 Features



1. Larger size of 158.75mm solar wafers upto 10% extra output power comparing to traditional wafers.
2. Newest Half-Cut Cells to increase power & superior shade response .
3. Bulit with full black frame and dark cells perfectly intergrated with your roof.
4. Manufactured with the most advanced automated German equipments.



**BLOOMBERG  
TIER 1 BRAND**



**PUBLIC LISTED  
SHANGHAI  
STOCK MAKERT**



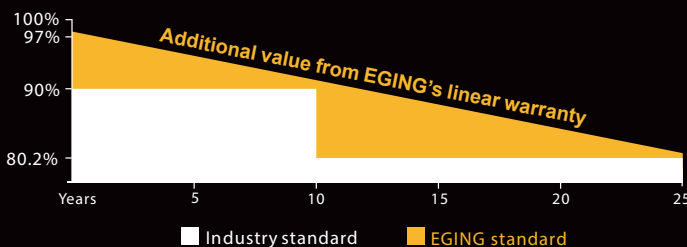
**30+ YEARS  
COMPANY HISTRORY  
15+ YEARS  
IN SOLAR BUSINESS**



**AUSTRALIAN  
OFFICE AND  
SERVICE CENTER**

## LINEAR PERFORMANCE WARRANTY

12Years Product Warranty / 25 Years Linear Power Warranty



## Eging PV Co.,Ltd

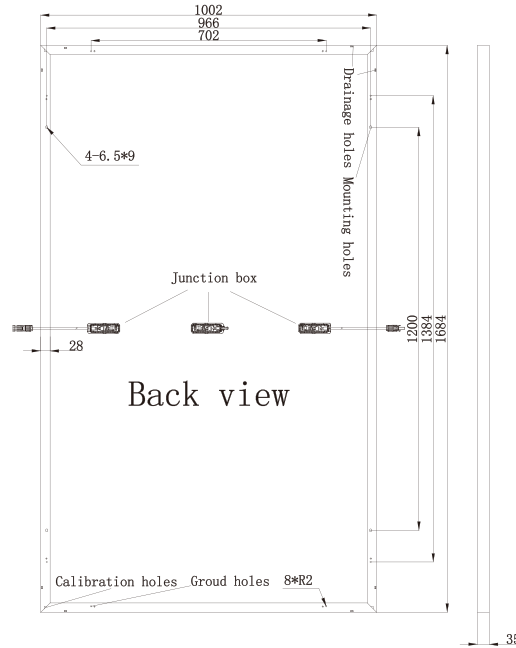
Eging started it's industrial manufacturing from 1995, and the PV division was founded in 2003. We are a high-tech company specialized in researching, developing, manufacturing and selling photovoltaic products. Eging has a full product lines including ingot, wafer, cell, and module . Our annual capacity reaches 5GW of solar cells and 5.5GW of solar modules by end of 2019 .Eging is one of the ONLY there compa-nies who are above the bankrupcy risk line among all of public listed solar companies according to BNFF(Blommberg) report in Q3,2019.

### EGING PV CO,LTD ( HEAD QUARTER)

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## Mechanical Characteristics

Number of cells (pcs)	120
Size of cell (mm)	158.75*79.375
Type of cell	Mono
Thickness of glass (mm)	3.2
Type of frame	Black Anodized aluminum
Junction box	IP67
Size of module (mm)	1684*1002*35
Weight (kg)	19.2
Cables/connectors	PV1-F 4mm <sup>2</sup> Genuine MC4

## Maximum Ratings

Operating Temperature(°C)	-40~85
Operating Humidity(%)	5~85
Allowable Hail Load	25mm ice-ball with velocity of 23m/s

## Electrical Characteristics

STC	EG -310 M60-HD	EG -315 M60-HD	EG -320 M60-HD	EG -325 M60-HD	EG -330 M60-HD
Pmax (W)	310	315	320	325	330
Vmp (V)	32.57	32.78	32.99	33.20	33.41
Imp (A)	9.52	9.61	9.70	9.79	9.88
Voc (V)	40.20	40.42	40.63	40.74	40.94
Isc (A)	9.99	10.08	10.17	10.26	10.35
Module efficiency (%)	18.37	18.66	18.94	19.26	19.55
Maximum system voltage (V)	1000				
Fuse Rating Current (A)	20				
Tolerance (%)	Pmax:0-3% Binning:0-5W、Voc:±5%、Isc:±5%				
Temperature coefficient	Pmax (%/°C)	-0.390			
	Isc (%/°C)	0.039			
	Voc (%/°C)	-0.295			

STC: Irradiance 1000W/m<sup>2</sup>, module temperature 25°C, AM=1.5

NOCT	EG -310 M60-HD	EG -315 M60-HD	EG -320 M60-HD	EG -325 M60-HD	EG -330 M60-HD
Pmax (W)	229	233	237	241	245
Vmp (V)	29.86	30.11	30.31	30.55	30.78
Imp (A)	7.67	7.74	7.82	7.89	7.96
Voc (V)	36.86	37.13	37.33	37.49	37.72
Isc (A)	8.05	8.12	8.19	8.27	8.34
Power tolerance	Pmax:±3% Binning:±5W				

NOCT: Irradiance 800W/ m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

## Packing Configuration

Pieces per pallet	30
Size of packing (mm)	1720*1120*1150
Weight of packing (kg)	622
Pieces per container	780
Size of container	40' HC

## I-V Curves

