

EG-(XXX)M72-HC/BF-DG

Mono PERC Double Glass Bifacial Module

72-Cells

370W-390W

0-+3% POSITIVE TOLERANCE

Excellent For Commercial



* Black Frames Applied

KEY FEATURES



Higher Power Output

Increased total power output through both front side and back side.
Backside power gain up to 25% depending on installation conditions.
Free backside power brings more generation=More income.



Environmental Conditions

Resistant to sand, acid, alkaline.
Longer life span than traditional modules with plastic backsheet. Up to 30 years.



Excellent Low-light Performance

Performance Advanced solar cell surface texturing technology allows for excellent performance in low-light environments



High Reliability

Strict in-house testing in PV Lab which is CNAs approved
& VDE certified



Highly Strengthened Design

Certified to withstand: 5400Pa snow load
and 2400Pa wind load

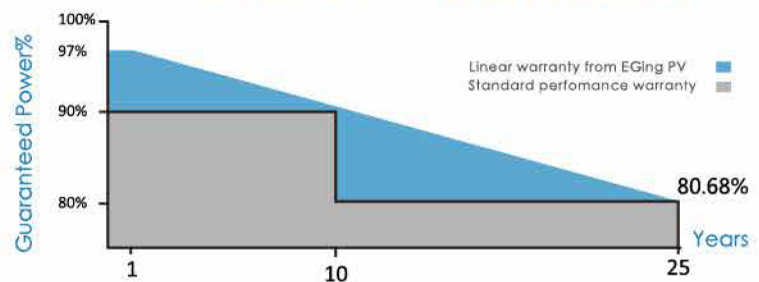


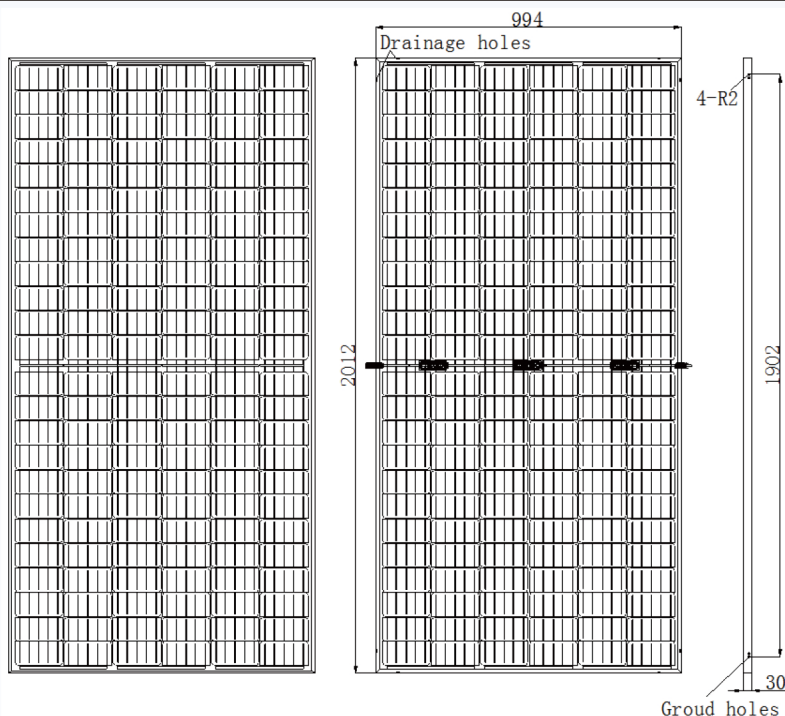
PID Resistant

Excellent PID optimized, 1% less power degradation

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty · 25 Year Linear Power Warranty





Electrical Characteristics

STC	EG-370 M72-HC/ BF-DG	EG-375 M72-HC/ BF-DG	EG-380 M72-HC/ BF-DG	EG-385 M72-HC/ BF-DG	EG-390 M72-HC/ BF-DG
Pmax (W)	370	375	380	385	390
Vmp (V)	39.41	39.60	39.80	39.98	40.17
Imp (A)	9.39	9.47	9.55	9.63	9.71
Voc (V)	47.77	47.98	48.25	48.50	48.75
Isc (A)	9.76	9.84	9.92	10.00	10.08
Module efficiency (%)	18.50	18.75	19.00	19.25	19.50
Maximum system voltage (V)	1500				
Fuse Rating Current (A)	15				
Tolerance (%)	Pmax: ±3% Binning: ±5W、Voc: ±3%、Isc: ±5%				
Temperature coefficient	Pmax (%/°C)	-0.390			
	Isc (%/°C)	0.039			
	Voc (%/°C)	-0.295			

STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5

Bifacial Output- Backside Gain

Part Number	EG-370 M72-HC/ BF-DG	EG-375 M72-HC/ BF-DG	EG-380 M72-HC/ BF-DG	EG-385 M72-HC/ BF-DG	EG-390 M72-HC/ BF-DG
10% Power (w)	407	412	418	423	429
15% Power (w)	425	431	437	443	448
25% Power (w)	462	469	475	481	487

Extral power will be decided by the installation condition.

Gain more with White Roof-top/Water or Seaside/City center around reflection materials.

Mechanical Characteristics

Number of cells (pcs)	144
Size of cell (mm)	156.75*78.375
Type of cell	Mono
Size of module (mm)	2012*994*30
Weight (kg)	29.7
Junction box	IP67
Cables/connectors	PV1-F,4mm ² ,240mm MC4 compatible

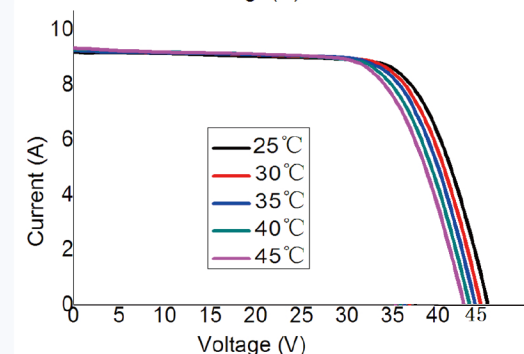
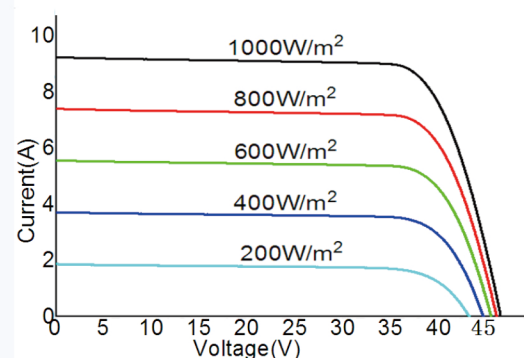
Maximum Ratings

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

Packing Configuration

Pieces per pallet	30
Size of packing (mm)	2085*1115*1140
Weight of packing (kg)	1165
Pieces per container	748
Size of container	40' HC

I-V Curves



Made In China

Changzhou EGing Photovoltaic Technology Co., Ltd



Specifications in this catalog sheet are subject to technical changes and product innovations. EGing PV reserves the right of final interpretation.

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