

EG-290P60-C POLYCRYSTALLINE 60-CELL MODULE

270 ~ 290WP

0~+3% POSITIVE TOLERANCE



* Black Frames Applied



5 Bus Bar Solar CELL

KEY FEATURES



High Efficiency

Leading PERC technology achieves higher module efficiency up to 17.8%



Excellent Low-light 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

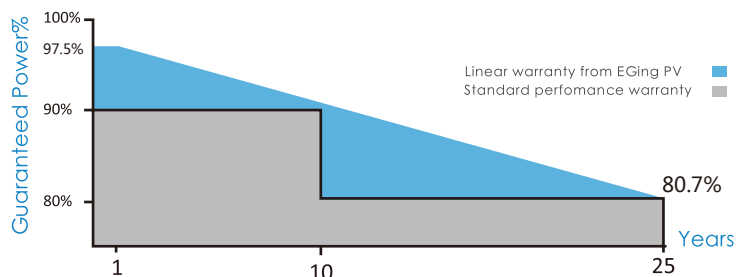


PID Resistant

Excellent PID optimized, 1% less power degradation

LINEAR PERFORMANCE WARRANTY

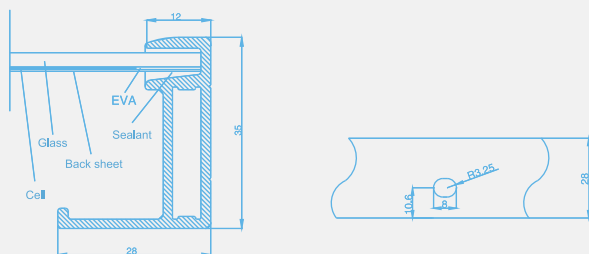
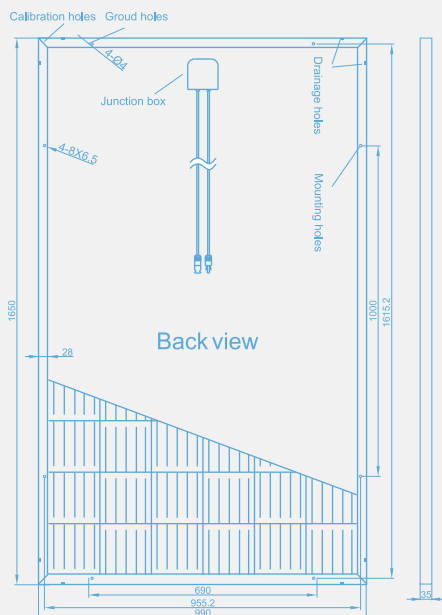
10 Year Product Warranty • 25 Year Linear Power Warranty



Add: No.18, Jinwu Road, Jintan Dist. Changzhou City, Jiangsu Province, P.R.C

Tel: +86-519-82585880 82588999 • Web: www.egingpv.com

Fax: +86-519-82581868 82588999 • E-mail: eging@egingpv.com market@egingpv.com



Electrical Characteristics

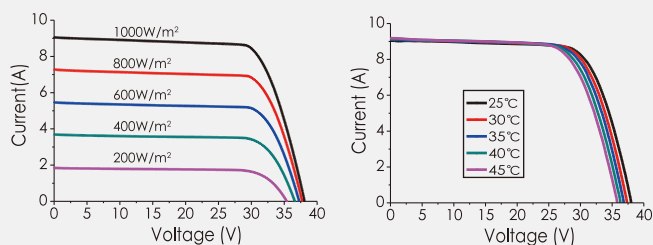
STC	EG-270 P60-C	EG-275 P60-C	EG-280 P60-C	EG-285 P60-C	EG-290 P60-C
P _{max} (W)	270	275	280	285	290
V _{mp} (V)	30.62	30.83	31.08	31.25	31.49
I _{mp} (A)	8.82	8.92	9.01	9.12	9.21
V _{oc} (V)	38.59	38.80	39.01	39.21	39.42
I _{sc} (A)	9.25	9.33	9.43	9.51	9.60
Module efficiency (%)	16.52	16.83	17.14	17.44	17.75
Maximum system voltage (V)	1000				
Fuse Rating Current (A)	15				
Power tolerance (%)	0~+3				
Temperature coefficient	P _{max} (%/°C)	-(0.43±0.05)			
	I _{sc} (%/°C)	0.04±0.015			
	V _{oc} (%/°C)	-(0.325±0.1)			

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

NOCT	EG-270 P60-C	EG-275 P60-C	EG-280 P60-C	EG-285 P60-C	EG-290 P60-C
P _{max} (W)	198.36	202.04	205.71	209.39	213.52
V _{mp} (V)	27.94	28.12	28.35	28.51	28.70
I _{mp} (A)	7.10	7.19	7.26	7.35	7.44
V _{oc} (V)	35.70	35.90	36.10	36.29	36.3
I _{sc} (A)	7.49	7.56	7.64	7.70	7.75
Power tolerance (%)	±3%				

NOCT: Irradiance 800W/m², ambient temperature 20 °C, wind speed 1m/s

I-V Curves



Packing Configuration

Pieces per pallet	30
Size of packing (mm)	1690*1120*1140
Weight of packing (kg)	603
Pieces per container	840
Size of container	40' HC

Mechanical Characteristics

Number of cells (pcs)	60
Size of cell (mm)	156.75*156.75
Type of cell	Poly
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP67
Size of module (mm)	1650*990*35
Weight (kg)	18.6
Cables/connectors	PV1-F, 4mm ² , MC4 compatible

Maximum Ratings

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