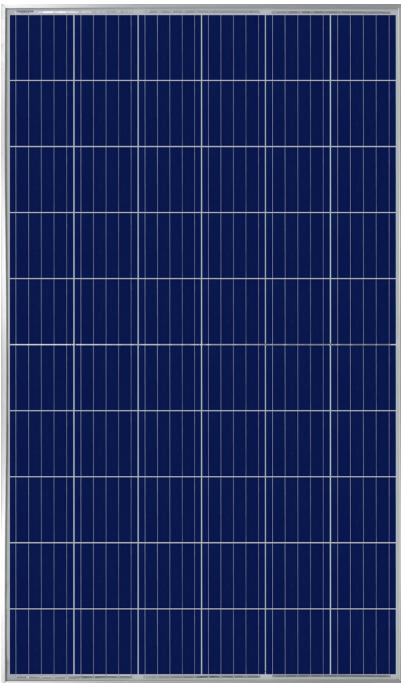


EG-(SERIES)P60-C POLYCRYSTALLINE 60-CELL MODULE 270 ~ 290Wp

0~+3% POSITIVE TOLERANCE



* Black Frames Applied

KEY FEATURES



High Efficiency
Leading PERC technology achieves higher module efficiency up to 17.75%



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

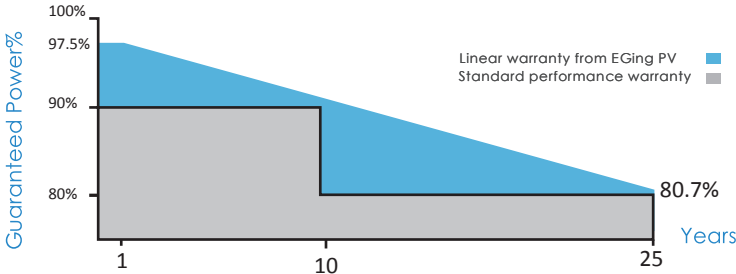


· ISO9001:2015, ISO14001:2015, ISO45001:2018
QC080000:2017, IEC TS 62941
certified factory

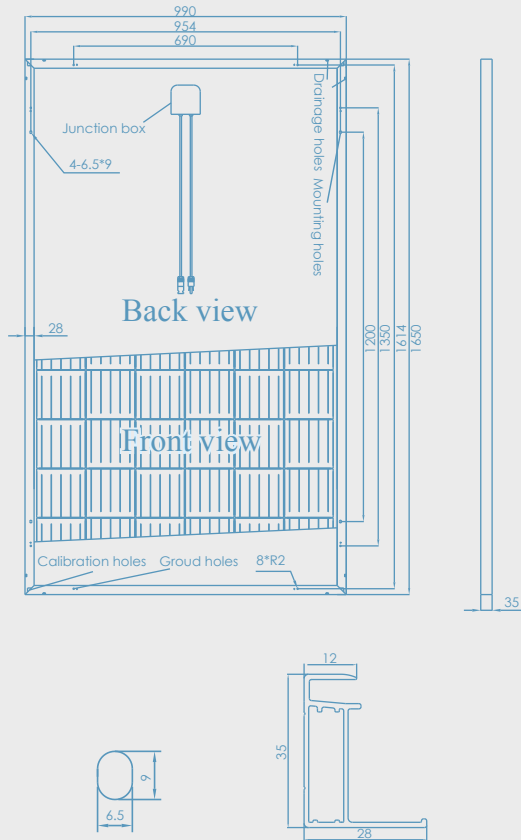
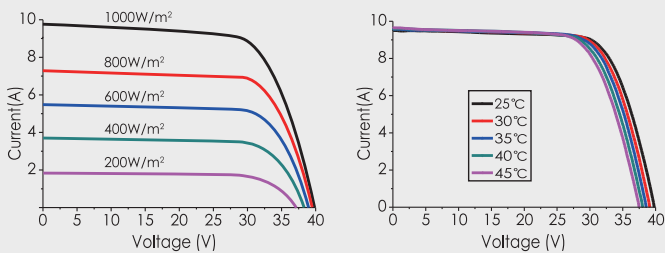
· IEC61215, IEC61730, UL1703, IEC62804, IEC62716
certified product

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty · 25 Year Linear Power Warranty



As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

Engineering Drawings

I - V Curves

Packing Configuration

Pieces per pallet	30
Size of packing (mm)	1690*1120*1140
Weight of packing (kg)	564
Pieces per container	840
Size of container	40' HC

Electrical Characteristics

STC	EG-270 P60-C	EG-275 P60-C	EG-280 P60-C	EG-285 P60-C	EG-290 P60-C
Pmax (W)	270	275	280	285	290
Vmp (V)	30.62	30.83	31.08	31.25	31.49
Imp (A)	8.82	8.92	9.01	9.12	9.21
Voc (V)	38.59	38.80	39.01	39.21	39.42
Isc (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)	20				
Power tolerance (%)	0~+3				
Temperature coefficient	Pmax (%/°C)	-0.405			
	Isc (%/°C)	0.041			
	Voc (%/°C)	-0.298			

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
Pmax (W)	198.36	202.04	205.71	209.39	213.52
Vmp (V)	27.94	28.12	28.35	28.51	28.70
Imp (A)	7.10	7.19	7.26	7.35	7.44
Voc (V)	35.70	35.90	36.10	36.29	36.3
Isc (A)	7.49	7.56	7.64	7.70	7.75
Power tolerance (%)	0~+3				

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

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	IP68
Size of module (mm)	1650*990*35
Weight (kg)	17.3
Cables/connectors	4mm ² MC4 compatible
Length of Cabel(mm)	900

Maximum Ratings

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