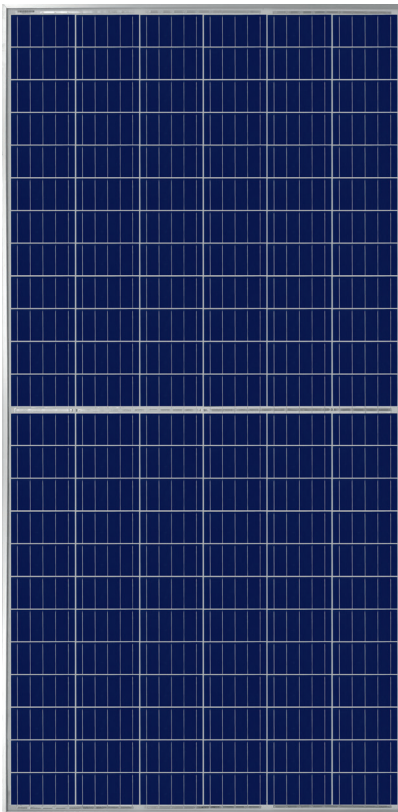


EG-(SERIES)P72-HC POLYCRYSTALLINE 144-CELL MODULE 345~ 365Wp

0~+3% POSITIVE TOLERANCE



* Black Frames Applied



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

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

KEY FEATURES



Half cell design

The HC design 144-cell brings lower cell connection loss and lower thermal coefficients at high operation temperatures



High Efficiency

Leading PERC technology achieves higher module efficiency up to 18.51%



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

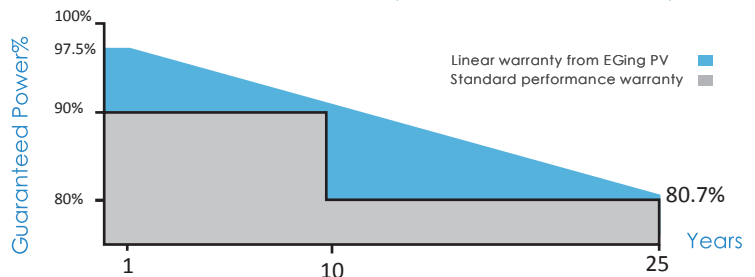


PID Resistant

Excellent PID optimized, 1% less power degradation

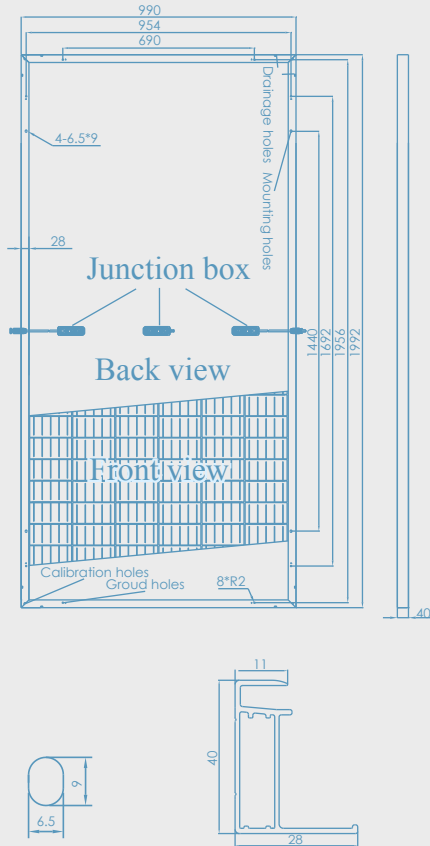
LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty · 25 Year Linear Power Warranty

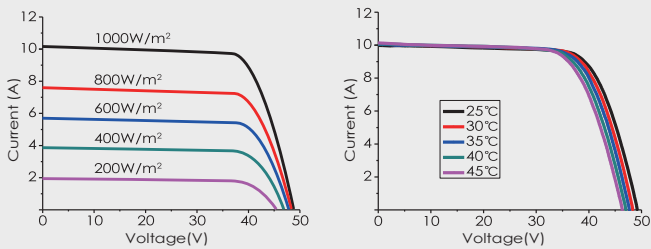


As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

Engineering Drawings



I-V Curves



Packing Configuration

Pieces per pallet	27
Size of packing (mm)	2024*1140*1140
Weight of packing (kg)	625
Pieces per container	594
Size of container	40' HC

Electrical Characteristics

STC	EG-345 P72-HC	EG-350 P72-HC	EG-355 P72-HC	EG-360 P72-HC	EG-365 P72-HC
Pmax (W)	345	350	355	360	365
Vmp (V)	38.51	38.76	39.02	39.22	39.42
Imp (A)	8.96	9.03	9.10	9.18	9.26
Voc (V)	46.95	47.22	47.50	47.76	47.99
Isc (A)	9.45	9.53	9.61	9.70	9.79
Module efficiency (%)	17.49	17.74	18.00	18.25	18.51
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-345 P72-HC	EG-350 P72-HC	EG-355 P72-HC	EG-360 P72-HC	EG-365 P72-HC
Pmax (W)	256	260	264	268	272
Vmp (V)	35.22	35.43	35.68	35.93	36.17
Imp (A)	7.27	7.34	7.40	7.46	7.52
Voc (V)	43.08	43.27	43.52	43.77	44.01
Isc (A)	7.67	7.74	7.80	7.86	7.92
Power tolerance (%)	0~+3				

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

Mechanical Characteristics

Number of cells (pcs)	144
Size of cell (mm)	156.75*78.375
Type of cell	Poly
Thickness of glass(mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68
Size of module (mm)	1992*990*40
Weight (kg)	21.3
Cables/connectors	4mm ² MC4 compatible
Length of Cabel(mm)	1200

Maximum Ratings

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