

CONVENTION SERIES MONOCRYSTALLINE 120-cell MODULE

EG-365M60-HEV (black)

345~365W

0~3% POSITIVE TOLERANCE

KEY FEATURES



Mbb half cell design
Half-cut cells brings lower resistance and increased Multi Busbar reflectance ensures higher power output



High Efficiency
Leading PERC technology achieves higher module efficiency up to 20.03%



High Reliability
Strict in-house testing in PV Lab which is CNAS approved & TUV /VDE certified



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



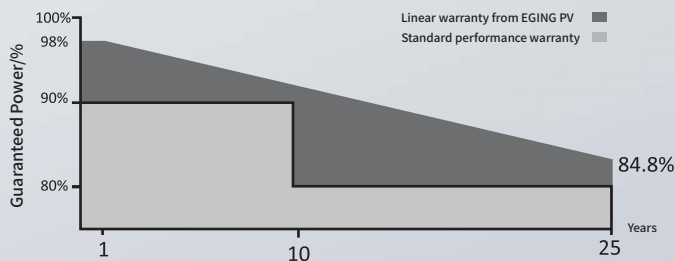
Highly Strengthened Design
Certified to withstand:5400Pa snow load and 2400Pa wind load



PID Resistant
Excellent PID resistance performance optimized by unique structural design

LINEAR PERFORMANCE WARRANTY

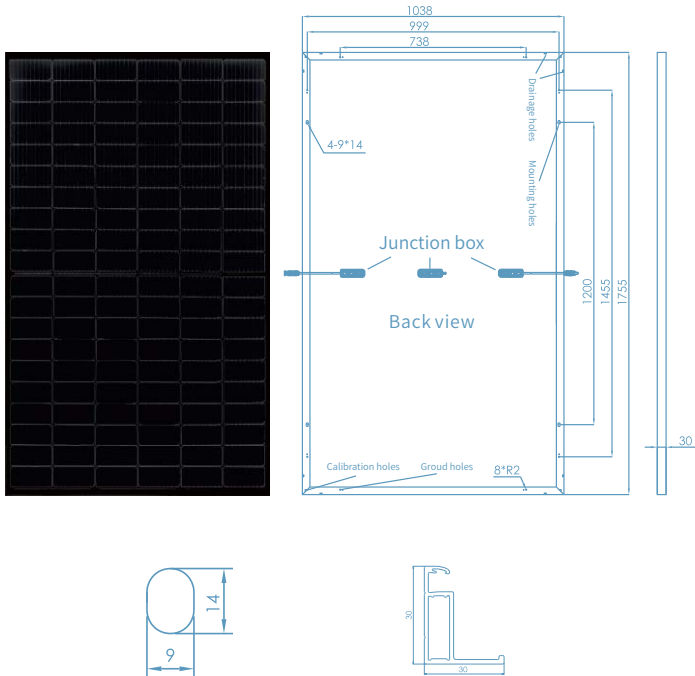
15 15 Year Product Warranty **25** 25 Year Linear Power Warranty



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.

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Engineering Drawings



Electrical Characteristics

Power level	345	350	355	360	365
Pmax (W)	345	350	355	360	365
Vmp (V)	33.76	34.02	34.21	34.42	34.63
Imp (A)	10.22	10.29	10.38	10.46	10.54
Voc (V)	40.68	40.86	41.05	41.25	41.47
Isc (A)	10.78	10.86	10.94	11.02	11.10
Module efficiency (%)	18.93	19.21	19.48	19.76	20.03
Maximum system voltage (V)	1500				
Fuse Rating (A)	20				
Temperature coefficient	-0.350				
Temperature coefficient Isc (%/°C)	0.05				
Temperature coefficient Voc (%/°C)	-0.275				

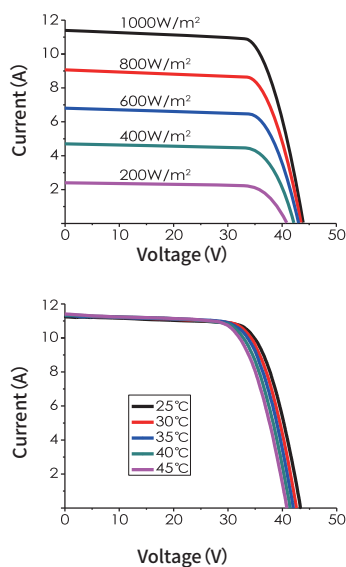
STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5

Working Characteristics

Power level	345	350	355	360	365
Pmax (W)	255	259	263	266	270
Vmp (V)	30.95	31.25	31.46	31.56	31.81
Imp (A)	8.24	8.29	8.36	8.43	8.49
Voc (V)	37.30	37.54	37.76	37.83	38.10
Isc (A)	8.69	8.76	8.82	8.89	8.95
Power tolerance (%)	0~+3				
NOCT (°C)	44±2				

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

I-V Curves



Mechanical Characteristics

Number of cells	120pcs
Size of cell (mm)	166*83
Type of cell	Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68
Size of module (mm)	1755*1038*30
Weight (kg)	19
Cables/connectors	4mm ² , MC4 compatible
Length of Cabel	Portrait: +300mm/-300mm

Packing Configuration

Pieces per pallet	36
Size of packing (mm)	1790*1140*1190
Weight of packing (kg)	729
Pieces per container	936
Size of container	40'HC

Maximum Ratings

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

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Specifications included in this datasheet are subject to change without notice.



Tel: 86-519-82585880

Zip: 213213

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

Email: marketing@egingpv.com

Web: www.egingpv.com