KEENSTAR EGING PV

CONVENTION SERIES

MONOCRYSTALLINE
120-cell MODULE

EG-380M60-HEV

360~380W

0~3%POSITIVE TOLERANCE

KEY FEATURES

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

High Efficiency
Leading PERC technology achieves higher module efficiency up to 20.85%

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

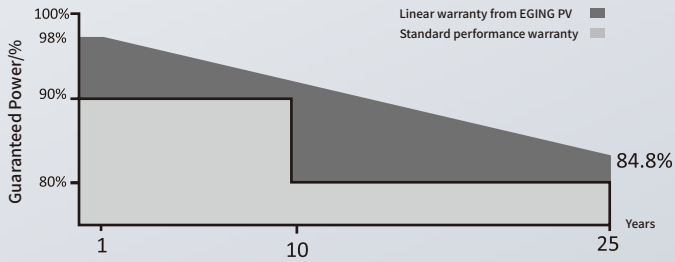
PID Resistant
Excellent PID resistance performance optimized by unique structural design



LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty

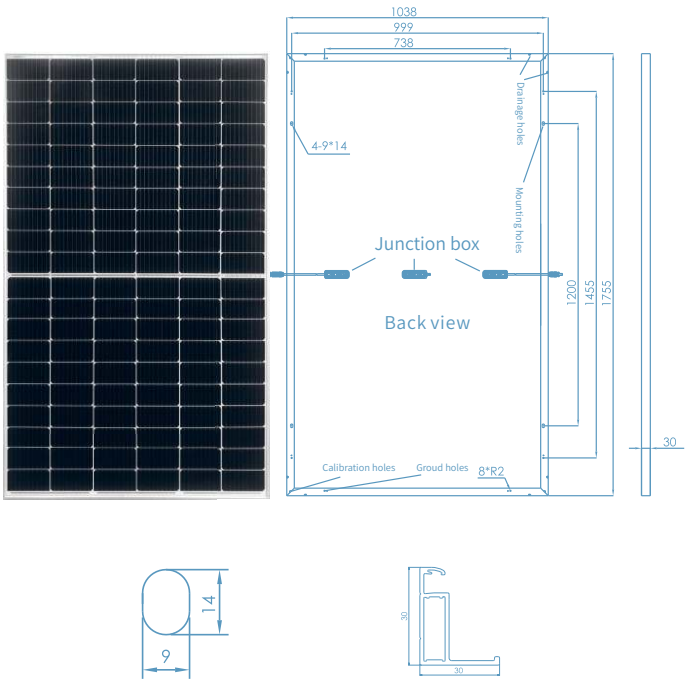
25 Year Linear Power Warranty



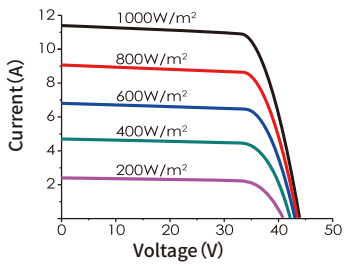
As a BloombergNEF Tier 1 and global leading manufacturer since 1998,EGING PV is committed to supplying reliable and durable PV products to customers to creat together a greener planet.

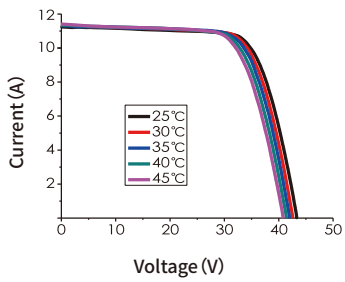
EG-380M60-HEV

Engineering Drawings



I-V Curves





Electrical Characteristics

Power level	360	365	370	375	380
Pmax (W)	360	365	370	375	380
Vmp (V)	34.00	34.21	34.42	34.63	34.84
Imp (A)	10.59	10.67	10.75	10.83	10.91
Voc (V)	40.87	41.06	41.28	41.49	41.69
Isc (A)	11.08	11.16	11.24	11.32	11.40
Module efficiency (%)	19.76	20.03	20.31	20.58	20.85
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	360	365	370	375	380
Pmax (W)	266	270	274	278	281
Vmp (V)	31.19	31.40	31.64	31.85	31.97
Imp (A)	8.53	8.60	8.66	8.73	8.79
Voc (V)	37.49	37.68	37.94	38.16	38.26
Isc (A)	8.93	8.99	9.06	9.12	9.19
Power tolerance (%)			0~+3		
NOCT (°C)			44±2		

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

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	4mm², 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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