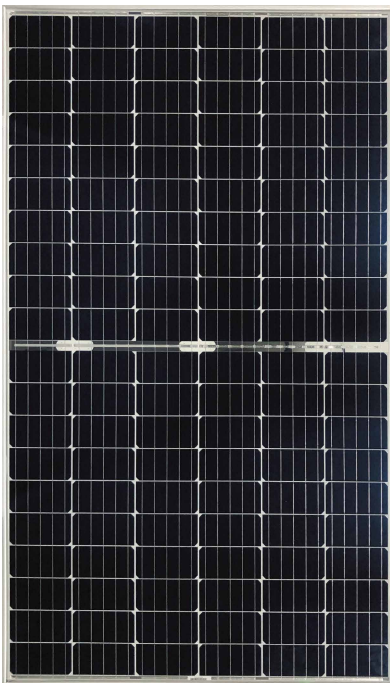


EG-(SERIES)M60-HC MONOCRYSTALLINE 120-CELL MODULE 300 ~ 320Wp

0-+3% POSITIVE TOLERANCE



* Black Frames Applied



5 Bus Bar Solar CELL

KEY FEATURES



Half cell design

The HC design 120-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 19.3%



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

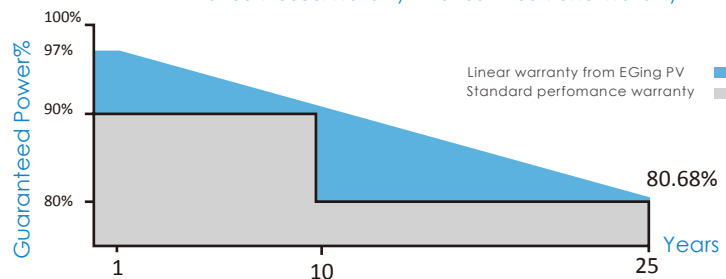


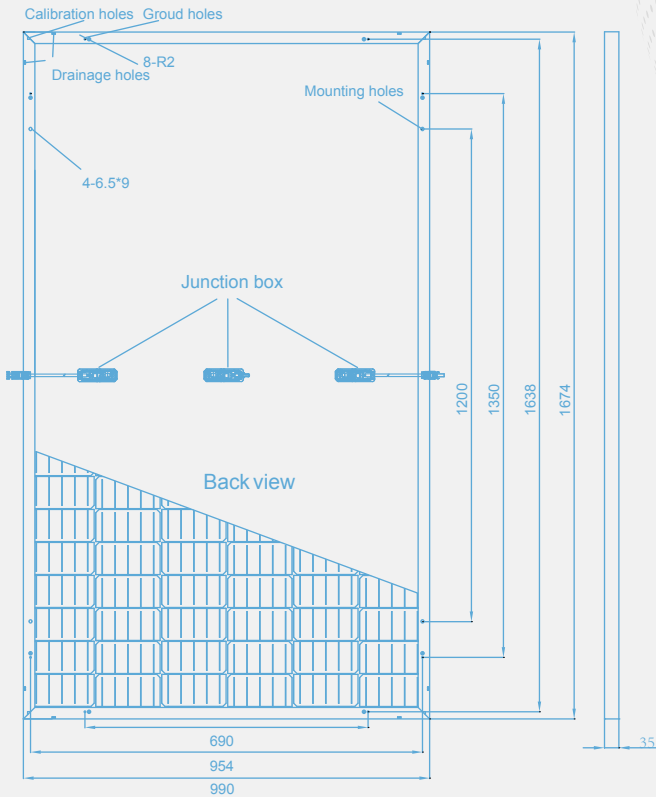
PID Resistant

Excellent PID optimized, 1% less power degradation

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty · 25 Year Linear Power Warranty





Electrical Characteristics

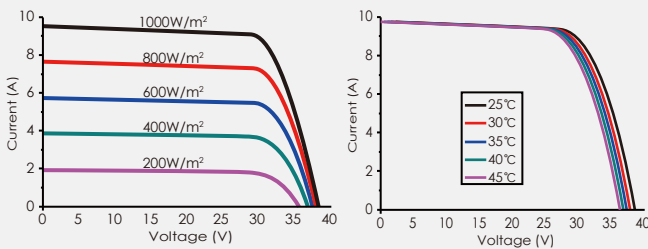
STC	EG-300 M60-HC	EG-305 M60-HC	EG-310 M60-HC	EG-315 M60-HC	EG-320 M60-HC
Pmax (W)	300	305	310	315	320
Vmp (V)	32.79	33.05	33.34	33.59	33.83
Imp (A)	9.15	9.23	9.30	9.38	9.46
Voc (V)	39.78	40.03	40.35	40.58	40.80
Isc (A)	9.61	9.69	9.77	9.86	9.94
Module efficiency (%)	18.1	18.4	18.7	19.0	19.3
Maximum system voltage (V)	1000				
Fuse Rating Current (A)	15				
Power tolerance (%)	0~+3				
Temperature coefficient	Pmax (%/°C)	-0.390			
	Isc (%/°C)	0.039			
	Voc (%/°C)	-0.295			

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

NOCT	EG-300 M60-HC	EG-305 M60-HC	EG-310 M60-HC	EG-315 M60-HC	EG-320 M60-HC
Pmax (W)	222	226	229	233	237
Vmp (V)	32.56	32.85	33.15	33.43	33.67
Imp (A)	6.82	6.88	6.91	6.97	7.04
Voc (V)	36.35	36.67	36.96	37.28	37.45
Isc (A)	7.86	7.93	7.99	8.04	8.12
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)	1714*1120*1140
Weight of packing (kg)	609
Pieces per container	780
Size of container	40' HC

Mechanical Characteristics

Number of cells (pcs)	120
Size of cell (mm)	156.75*78.375
Type of cell	Mono
Thickness of glass(mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP67
Size of module (mm)	1674*990*35
Weight (kg)	18.8
Cables/connectors	PV1-F,4MM ² MC4 compatible
Length of Cabel	1m

Maximum Ratings

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

Revised on March, 2018

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