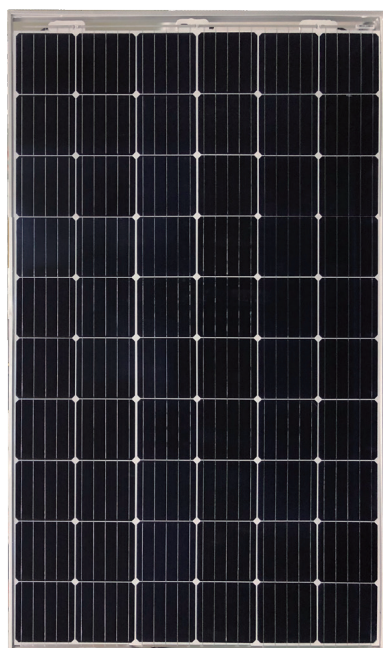


EG-M60-C/BF-DG MONOCRYSTALLINE 60-CELL MODULE BIFACIAL

300 ~ 320Wp

1500V DC
0~+3% POSITIVE TOLERANCE



* Black Frames Applied

KEY FEATURES



High Efficiency

Leading PERC technology achieves higher module efficiency up to frontside 19.34% and 23.21% with backside 20% power boost



Excellent Low-light Performance

Advanced solar cell surface texturing technology allows for excellent performance in low-light environments.



High Reliability

0.5% annual degradation. Strict in-house testing in Lab which CNAS & VDE certified to ensure the 30year linear power warranty



Highly Strengthened Design

Framed Double Glass design. Certified to withstand: 5400Pa snow load and 2400Pa wind load

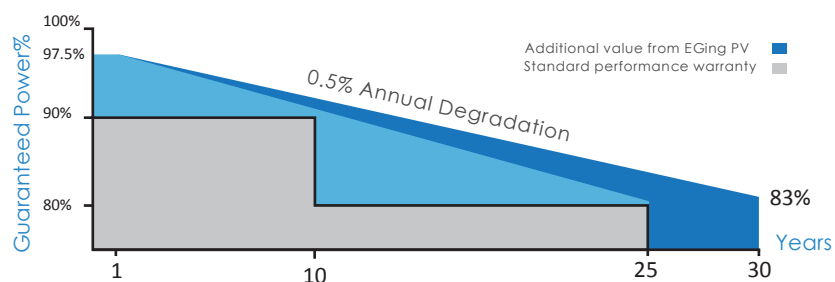


PID Resistant

PID issue is resolved by unique structural design

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty · 30 Year Linear Power Warranty



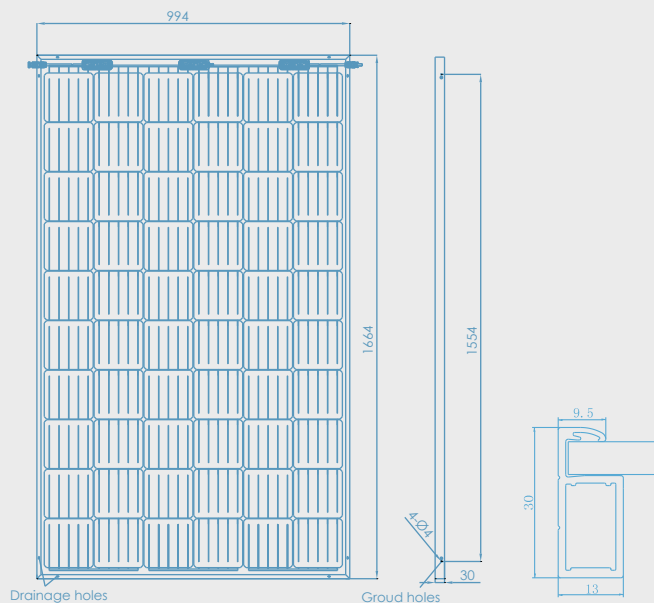
· ISO9001:2015, ISO14001:2015, ISO45001:2018
QC080000:2017, IEC TS 62941
certified factory

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

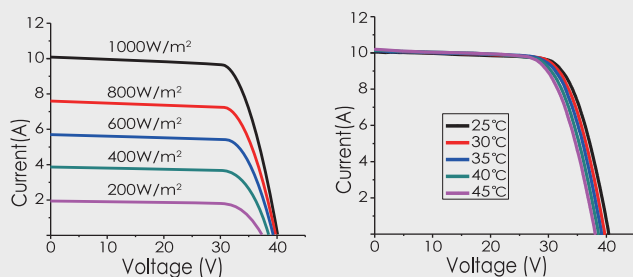


As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

Engineering Drawings



I - V Curves



Maximum Ratings

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

Packing Configuration

Pieces per pallet	30
Size of packing (mm)	1700*970*1135
Weight of packing (kg)	786
Pieces per container	840
Size of container	40' HC

Electrical Characteristics

STC	EG-300 M60-C/ BF-DG	EG-305 M60-C/ BF-DG	EG-310 M60-C/ BF-DG	EG-315 M60-C/ BF-DG	EG-320 M60-C/ BF-DG
Pmax (W)	300	305	310	315	320
Vmp (V)	32.90	33.01	33.20	33.41	33.62
Imp (A)	9.12	9.24	9.34	9.43	9.52
Voc (V)	39.99	40.21	40.41	40.61	40.82
Isc (A)	9.70	9.79	9.88	9.97	10.06
Module efficiency (%)	18.14	18.44	18.74	19.04	19.34
Maximum system voltage (V)	1500				
Fuse Rating Current (A)	20				
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

Bifacial Output-Backside Power Gain

10%	Pmax (W)	330	335	341	346	352
	Module efficiency (%)	19.95	20.28	20.61	20.94	21.27
20%	Pmax (W)	360	366	372	378	384
	Module efficiency (%)	21.77	22.13	22.49	22.85	23.21

NOCT	EG-300 M60-C/ BF-DG	EG-305 M60-C/ BF-DG	EG-310 M60-C/ BF-DG	EG-315 M60-C/ BF-DG	EG-320 M60-C/ BF-DG
Pmax (W)	222	226	230	234	237
Vmp (V)	30.58	30.79	31.04	31.37	31.53
Imp (A)	7.26	7.34	7.41	7.46	7.52
Voc (V)	36.78	36.99	37.20	37.52	37.79
Isc (A)	7.85	7.92	8.00	8.05	8.10
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	Mono
Size of module (mm)	1664*994*30
Weight (kg)	24.5
Junction box	IP68
Cables/connectors	4mm ² MC4 compatible
Length of Cabel(mm)	1000