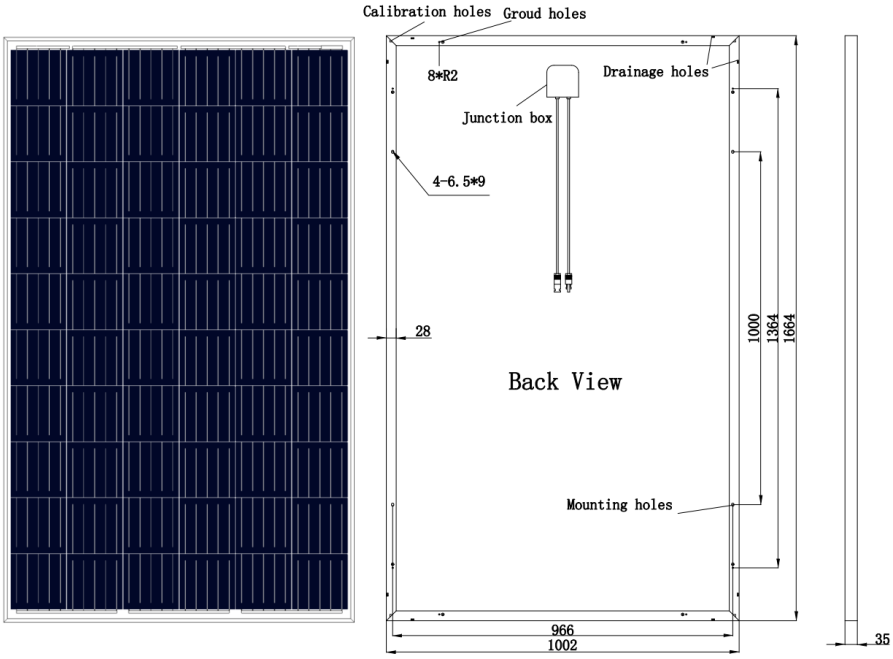
EGING PV

EG-(SERIES)M60-D



Mechanical Characteristics

Number of cells (pcs)	60
Size of cell (mm)	158.75*158.75
Type of cell	Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP67
Size of module (mm)	1664*1002*35
Weight (kg)	18.9
Cables/connectors	4mm^2 , MC4 compatible

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*1120*1150
Weight of packing (kg)	613
Pieces per container	840
Size of container	40’ HC

Electrical Characteristics

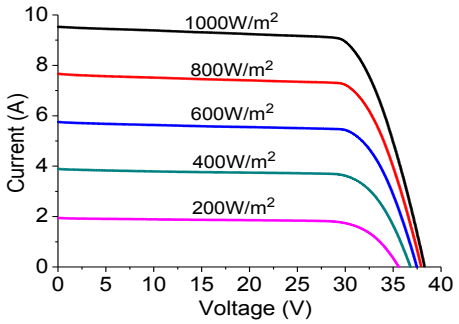
STC		EG-305 M60-D	EG-310 M60-D	EG-315 M60-D	EG-320 M60-D	EG-325 M60-D
Pmax (W)		305	310	315	320	325
Vmp (V)		32.11	32.33	32.55	32.76	32.97
Imp (A)		9.50	9.59	9.68	9.77	9.86
Voc (V)		39.95	40.17	40.39	40.60	40.71
Isc (A)		9.96	10.05	10.14	10.23	10.32
Module efficiency (%)		18.29	18.59	18.89	19.19	19.49
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				

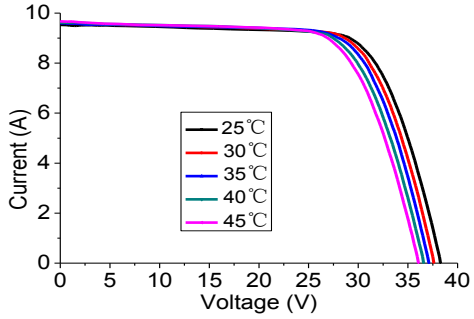
STC: Irradiance 1000W/m^2， module temperature 25°C， AM=1.5

NOCT	EG-305 M60-D	EG-310 M60-D	EG-315 M60-D	EG-320 M60-D	EG-325 M60-D
Pmax (W)	225	229	233	237	241
Vmp (V)	29.42	29.63	29.88	30.12	30.36
Imp (A)	7.65	7.73	7.80	7.87	7.94
Voc (V)	36.61	36.81	37.07	37.32	37.48
Isc (A)	8.02	8.10	8.17	8.24	8.32
Power tolerance (%)	±3%				

NOCT： Irradiance 800W/ m^2,ambient temperature 20°C,wind speed 1m/s

I-V Curves





Specifications in this catalog sheet are subject to technical changes and product innovations. EGing PV reserves the right of final interpretation.