

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
Cables/connectors	4mm ² , MC4 compatible

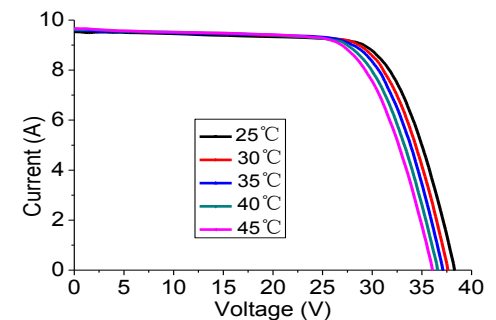
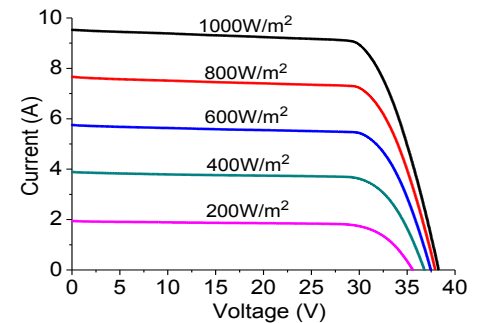
Maximum Ratings

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)	585
Pieces per container	840
Size of container	40' HC

I-V Curves



Electrical Characteristics

STC	EG-295 M60-D	EG-300 M60-D	EG-305 M60-D	EG-310 M60-D	EG-315 M60-D
Pmax (W)	295	300	305	310	315
Vmp (V)	31.42	31.65	31.88	32.10	32.31
Imp (A)	9.39	9.48	9.57	9.66	9.75
Voc (V)	39.25	39.48	39.71	39.93	40.14
Isc (A)	9.83	9.92	10.01	10.10	10.19
Module efficiency (%)	17.69	17.99	18.29	18.59	18.89
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-295 M60-D	EG-300 M60-D	EG-305 M60-D	EG-310 M60-D	EG-315 M60-D
Pmax (W)	218	222	226	230	233
Vmp (V)	28.80	29.06	29.32	29.53	29.65
Imp (A)	7.57	7.64	7.71	7.79	7.86
Voc (V)	35.98	36.25	36.52	36.73	36.84
Isc (A)	7.92	8.00	8.07	8.14	8.21
Power tolerance (%)	0~+3				

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