



Mechanical Characteristics

Number of cells (pcs)	120
Size of cell (mm)	156.75*78.375
Type of cell	Mono
Size of module (mm)	1692*994*30
Weight (kg)	24.9
Junction box	IP67
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)	1730*970*1135
Weight of packing (kg)	792
Pieces per container	780
Size of container	40' HC

Electrical Characteristics

STC	EG-305 M60-HC/ BF-DG	EG-310 M60-HC/ BF-DG	EG-315 M60-HC/ BF-DG	EG-320 M60-HC/ BF-DG	EG-325 M60-HC/ BF-DG
Pmax (W)	305	310	315	320	325
Vmp (V)	33.23	33.48	33.73	33.98	34.22
Imp (A)	9.18	9.26	9.34	9.42	9.50
Voc (V)	39.74	39.98	40.21	40.53	40.78
Isc (A)	9.65	9.73	9.81	9.89	9.98
Module efficiency (%)	18.13	18.43	18.73	19.03	19.32
Maximum system voltage (V)	1500				
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-305 M60-HC/ BF-DG	EG-310 M60-HC/ BF-DG	EG-315 M60-HC/ BF-DG	EG-320 M60-HC/ BF-DG	EG-325 M60-HC/ BF-DG
Pmax (W)	226	229	233	237	241
Vmp (V)	30.59	30.78	31.07	31.31	31.51
Imp (A)	7.39	7.44	7.50	7.57	7.65
Voc (V)	36.72	37.01	37.33	37.55	37.75
Isc (A)	7.98	8.02	8.08	8.14	8.22
Power tolerance (%)	±3				

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

I-V Curves

