

### Mechanical Characteristics

Number of cells (pcs)	120
Size of cell (mm)	182*91
Type of cell	Mono
Size of module (mm)	1909*1134*40
Weight (kg)	22.9
Junction box	IP68
Fire class	Class C
Warranty period	15 years
Cables/connectors	H1Z2Z2-K 4mm <sup>2</sup> 01C1/05-8 /TL-Cable01S/ Staubli MC4

### 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	27
Size of packing (mm)	1940*1140*1275
Weight of packing (kg)	618
Pieces per container	648
Size of container	40' HC

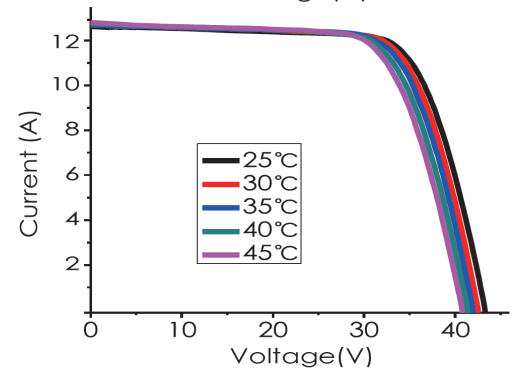
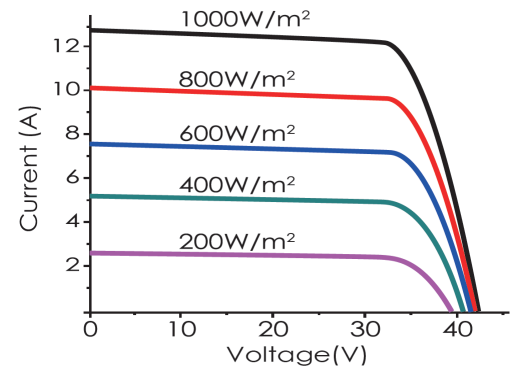
### Electrical Characteristics

STC	EG-455 M60-HL	EG-460 M60-HL	EG-465 M60-HL		
Pmax (W)	455	460	465		
Vmp (V)	35.39	35.61	35.83		
Imp (A)	12.86	12.92	12.98		
Voc (V)	42.19	42.41	42.63		
Isc (A)	13.61	13.67	13.73		
Module efficiency (%)	21.01	21.24	21.47		
Maximum system voltage (V)				1000	
Fuse Rating Current (A)				30	
Tolerance (%)	Pmax: ±3% Binning: ±5W、Voc: ±5%、Isc: ±5%				
Temperature coefficient	Pmax (%/°C)				-0.390
	Isc (%/°C)				0.039
	Voc (%/°C)				-0.295

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

NOCT	EG-455 M60-HL	EG-460 M60-HL	EG-465 M60-HL		
Pmax (W)	344	348	352		
Vmp (V)	32.7	32.93	33.15		
Imp (A)	10.52	10.57	10.62		
Voc (V)	39.24	39.45	39.65		
Isc (A)	11.14	11.19	11.24		
Power tolerance	Pmax: ±3% Binning: ±5W				
NOCT: Irradiance 800W/m <sup>2</sup> , ambient temperature 20°C, wind speed 1m/s					

### I-V Curves



Made In China  
Changzhou EGing Photovoltaic Technology Co., Ltd



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