



### 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	IP68 (1m, 1h)
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	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-300 M60-HC/BF-DG			
Pmax (W)	300			
Vmp (V)	32.97			
Imp (A)	9.10			
Voc (V)	39.43			
Isc (A)	9.57			
Module efficiency (%)	17.83			
Maximum system voltage (V)		1500		
Fuse Rating Current (A)		15 / 20		
Tolerance	Pmax: ±3% Binning: ±5W、Voc: ±3%、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-300 M60-HC/BF-DG			
Pmax (W)	222			
Vmp (V)	30.32			
Imp (A)	7.33			
Voc (V)	36.45			
Isc (A)	7.92			
Power tolerance	Pmax: ±3% Binning: ±5W			

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

### I-V Curves

