



Mechanical Characteristics

Number of cells (pcs)	120
Size of cell (mm)	158.75*79.375
Type of cell	Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68 (1m, 1h)
Size of module (mm)	1684*1002*35/ 1684*1000*35
Weight (kg)	19.2 / 18.3/ 18.2
Cables/connectors	H1Z2Z2-K 4mm ² , 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)	1720*1120*1150
Weight of packing (kg)	622
Pieces per container	780
Size of container	40' HC

Electrical Characteristics

STC	EG-310 M60-HD			
Pmax (W)	310			
Vmp (V)	32.57			
Imp (A)	9.52			
Voc (V)	40.20			
Isc (A)	9.99			
Module efficiency (%)	18.37			
Maximum system voltage (V)	1000			
Fuse Rating Current (A)	15 / 20			
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/m², module temperature 25°C, AM=1.5

NOCT	EG-310 M60-HD			
Pmax (W)	229			
Vmp (V)	29.86			
Imp (A)	7.67			
Voc (V)	36.86			
Isc (A)	8.05			
Power tolerance	Pmax: ±3% Binning: ±5W			

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

I-V Curves

