



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*1002*35
Weight (kg)	19.2 / 18.2
Cables/connectors	H1Z2Z2-K 4mm ² , 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	EG-315 M60-HD	EG-320 M60-HD	EG-325 M60-HD	EG-330 M60-HD
P _{max} (W)	310	315	320	325	330
V _{mp} (V)	32.57	32.78	32.99	33.20	33.41
I _{mp} (A)	9.52	9.61	9.70	9.79	9.88
V _{oc} (V)	40.20	40.42	40.63	40.74	40.94
I _{sc} (A)	9.99	10.08	10.17	10.26	10.35
Module efficiency (%)	18.37	18.66	18.94	19.26	19.55
Maximum system voltage (V)	1000				
Fuse Rating Current (A)	20				
Tolerance (%)	P _{max} : ±3% Binning: ±5W、V _{oc} : ±5%、I _{sc} : ±5%				
Temperature coefficient	P _{max} (%/°C)	-0.390			
	I _{sc} (%/°C)	0.039			
	V _{oc} (%/°C)	-0.295			

STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5

NOCT	EG-310 M60-HD	EG-315 M60-HD	EG-320 M60-HD	EG-325 M60-HD	EG-330 M60-HD
P _{max} (W)	229	233	237	241	245
V _{mp} (V)	29.86	30.11	30.31	30.55	30.78
I _{mp} (A)	7.67	7.74	7.82	7.89	7.96
V _{oc} (V)	36.86	37.13	37.33	37.49	37.72
I _{sc} (A)	8.05	8.12	8.19	8.27	8.34
Power tolerance	P _{max} : ±3% Binning: ±5W				

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

I-V Curves

