

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)
Fire Rating	Class C
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

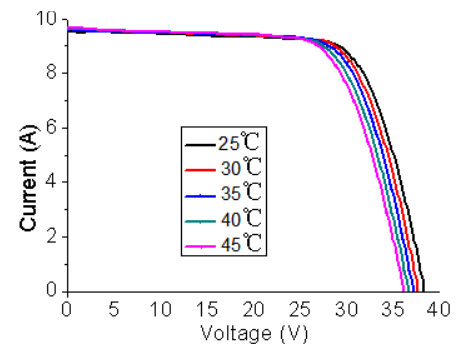
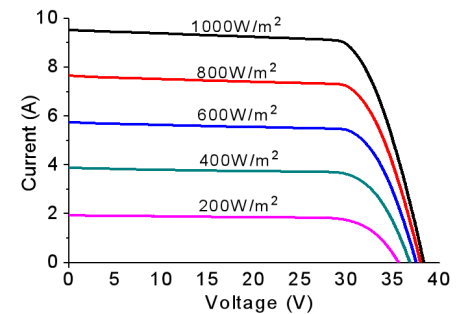
STC	EG-340 M60-HD	EG-345 M60-HD			
P _{max} (W)	340	345			
V _{mp} (V)	33.80	34.00			
I _{mp} (A)	10.06	10.15			
V _{oc} (V)	41.35	41.54			
I _{sc} (A)	10.53	10.63			
Module efficiency (%)	20.14	20.44			
Maximum system voltage (V)	1000				
Fuse Rating Current (A)	20				
Tolerance (%)	P _{max} : ±3% Binning; ±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-340 M60-HD	EG-345 M60-HD			
P _{max} (W)	252	255			
V _{mp} (V)	31.30	31.45			
I _{mp} (A)	8.05	8.11			
V _{oc} (V)	38.30	38.42			
I _{sc} (A)	8.44	8.5			
Power tolerance	P _{max} : ±3% Binning; ±5W				

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

I-V Curves



Made In China

Changzhou EGING Photovoltaic Technology Co., Ltd



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