

Mechanical Characteristics

Number of cells (pcs)	60
Size of cell (mm)	156*156
Type of cell	Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	EG-TL-BOX026 (3-diode) IP67
Size of module (mm)	1650*990*35
Weight (kg)	18.6
Cables/connectors	PV1-F,4mm ² ,900mm, MC4 compatible

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	29
Size of packing (mm)	1690*1120*1140
Weight of packing (kg)	600
Pieces per container	812
Size of container	40' HC

Electrical Characteristics

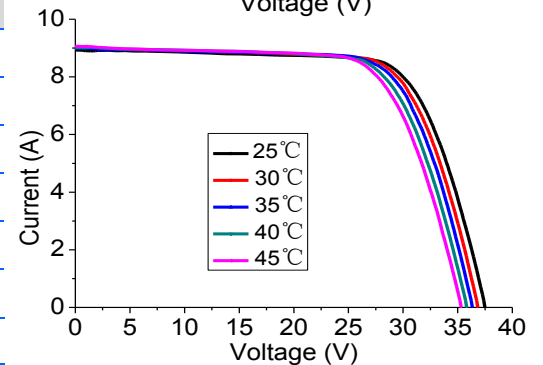
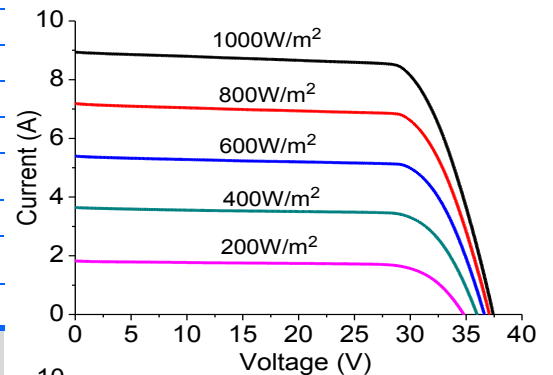
STC	EG-240 M60-C	EG-245 M60-C	EG-250 M60-C	EG-255 M60-C	EG-260 M60-C
P _{max} (W)	240	245	250	255	260
V _{mp} (V)	29.49	29.75	29.99	30.26	30.56
I _{mp} (A)	8.14	8.24	8.34	8.43	8.51
V _{oc} (V)	36.98	37.10	37.28	37.49	37.68
I _{sc} (A)	8.79	8.83	8.90	8.94	8.99
Module efficiency (%)	14.7	15.0	15.3	15.6	15.9
Maximum system voltage (V)	1000				
Maximum reverse current (A)	20				
Power tolerance (%)	0~+3				
Temperature coefficient	P _{max} (%/°C)	- (0.43±0.05)			
	I _{sc} (%/°C)	0.04±0.015			
	V _{oc} (%/°C)	- (0.325±0.1)			

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

NOCT	EG-240 M60-C	EG-245 M60-C	EG-250 M60-C	EG-255 M60-C	EG-260 M60-C
P _{max} (W)	174.86	178.50	182.15	185.79	189.44
V _{mp} (V)	26.90	27.14	27.36	27.60	27.87
I _{mp} (A)	6.50	6.58	6.66	6.73	6.79
V _{oc} (V)	34.17	34.28	34.45	34.64	34.82
I _{sc} (A)	7.11	7.14	7.20	7.23	7.27
Power tolerance (%)	±3%				

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

I-V Curves



Specifications in this catalog sheet are subject to technical changes and product innovations. EGING PV reserves the right of final interpretation.