

## Mechanical Characteristics

Number of cells (pcs)	60
Size of cell (mm)	156*156
Type of cell	Poly
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 <sup>2</sup> ,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

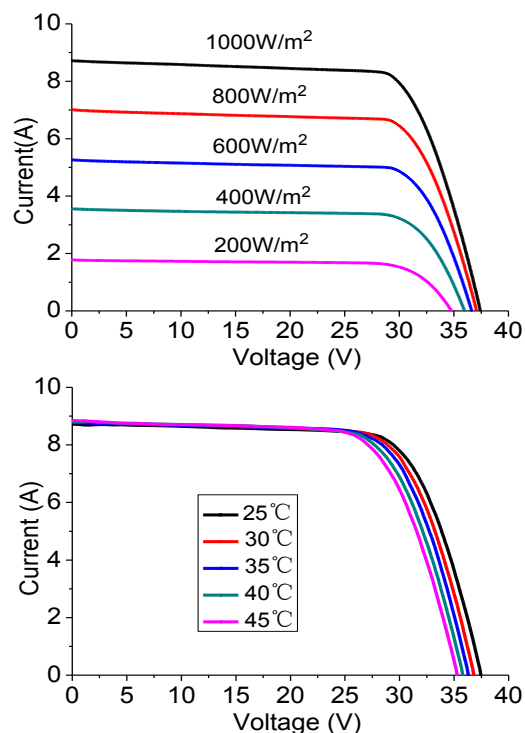
STC	EG-240 P60-C	EG-245 P60-C	EG-250 P60-C	EG-255 P60-C	EG-260 P60-C
P <sub>max</sub> (W)	240	245	250	255	260
V <sub>mp</sub> (V)	29.71	29.92	30.20	30.47	30.74
I <sub>mp</sub> (A)	8.08	8.19	8.28	8.37	8.46
V <sub>oc</sub> (V)	37.25	37.47	37.72	37.97	38.24
I <sub>sc</sub> (A)	8.62	8.73	8.81	8.89	8.98
Module 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 <sub>max</sub> (%/°C)	- (0.43±0.05)			
	I <sub>sc</sub> (%/°C)	0.04±0.015			
	V <sub>oc</sub> (%/°C)	- (0.325±0.1)			

STC: Irradiance 1000W/m<sup>2</sup>, module temperature 25°C, AM=1.5

NOCT	EG-240 P60-C	EG-245 P60-C	EG-250 P60-C	EG-255 P60-C	EG-260 P60-C
P <sub>max</sub> (W)	176.33	180.00	183.67	187.34	191.02
V <sub>mp</sub> (V)	27.10	27.29	27.55	27.80	28.04
I <sub>mp</sub> (A)	6.51	6.60	6.67	6.74	6.82
V <sub>oc</sub> (V)	34.47	34.67	34.90	35.13	35.38
I <sub>sc</sub> (A)	6.99	7.07	7.14	7.20	7.28
Power tolerance (%)	±3%				

NOCT: Irradiance 800W/m<sup>2</sup>, 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.