

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-BOX005B (6-diode) or TL-BOX026 (3-diode), IP65
Size of module (mm)	1650*990*40
Weight (kg)	19.0
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	25
Size of packing (mm)	1730*1090*1140
Weight of packing (kg)	540
Pieces per container	650
Size of container	40' HC

Electrical Characteristics

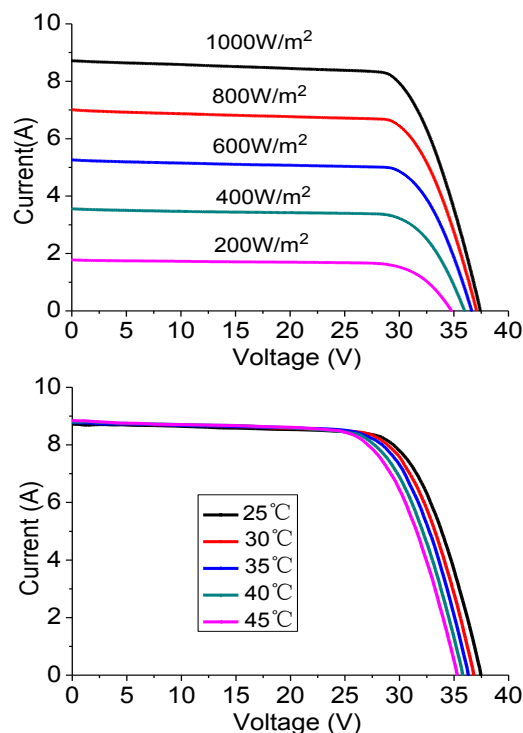
STC	EG-230 P60-C	EG-235 P60-C	EG-240 P60-C	EG-245 P60-C	EG-250 P60-C
Pmax (W)	230	235	240	245	250
Vmp (V)	29.16	29.42	29.71	29.92	30.20
Imp (A)	7.89	7.99	8.08	8.19	8.28
Voc (V)	36.69	36.95	37.25	37.47	37.72
Isc (A)	8.46	8.55	8.62	8.73	8.81
Module efficiency (%)	14.1	14.4	14.7	15.0	15.3
Maximum system voltage (V)	1000				
Maximum reverse current (A)	20				
Power tolerance (%)	0~+3				
Temperature coefficient	Pmax (%/°C)	- (0.43±0.05)			
	Isc (%/°C)	0.04±0.015			
	Voc (%/°C)	- (0.325±0.1)			

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

NOCT	EG-230 P60-C	EG-235 P60-C	EG-240 P60-C	EG-245 P60-C	EG-250 P60-C
Pmax (W)	168.98	172.65	176.33	180.00	183.67
Vmp (V)	26.60	26.84	27.10	27.29	27.55
Imp (A)	6.35	6.43	6.51	6.60	6.67
Voc (V)	33.95	34.19	34.47	34.67	34.90
Isc (A)	6.86	6.93	6.99	7.07	7.14
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.