

# EG-(SERIES) P60-C

Commitment of EGing PV to continuous improvement in techniques and knowhow for manufacturing ensures the high quality of EGing Modules. They deliver high performance with stable efficiency for wide variety of applications ranging from roof systems of different sizes to large and utility scale solar farms.



## EGing Module Features

### Flexible Size:

EGing supply chain management expertise makes possible customer tailored module solutions for different systems and applications.

Product Warranty: 10 years

Guaranteed power output:

90% power output in 10 years and 80% in 25 years, calculated from the date of delivery

Tested by leading institutes and certified for reliability:

- o TUV , IEC 61215, IEC 61730
- o VDE , IEC 61215, IEC 61730
- o MCS
- o CE



## ELECTRICAL CHARACTERISTICS

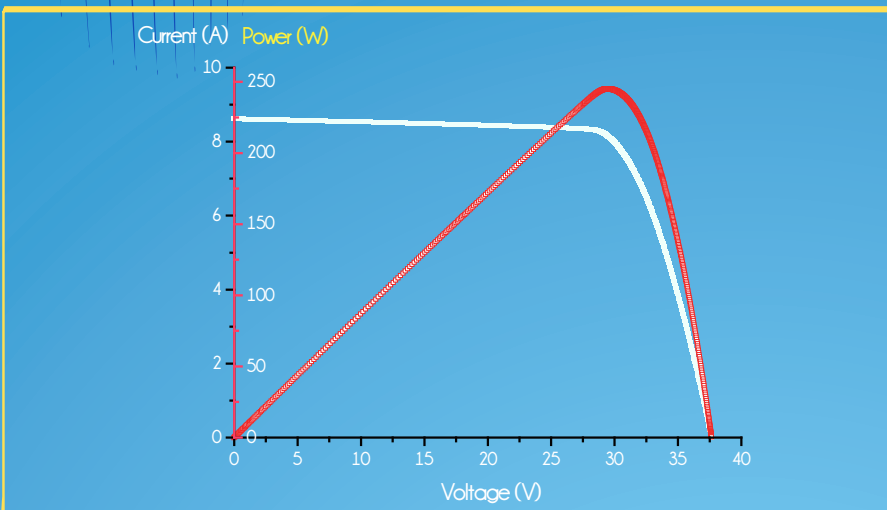
|                            |       |       |              |
|----------------------------|-------|-------|--------------|
| Maximum Power(W)           | 235   | 240   | 245          |
| Power Tolerance(%)         | 0~+3  | 0~+3  | 0~+3         |
| Maximum Power Voltage(V)   | 29.49 | 29.82 | 30.14        |
| Maximum Power Current(A)   | 7.97  | 8.05  | 8.13         |
| Open Circuit Voltage(V)    | 37.16 | 37.46 | 37.64        |
| Short Circuit Current(A)   | 8.51  | 8.55  | 8.62         |
| Module Efficiency(%)       | 14.4  | 14.7  | 15.0         |
| Maximum System Voltage(V)  | 1000  | 1000  | 1000         |
| Maximum Reverse Current(A) | 20    | 20    | 20           |
| Temperature Coefficient    | Pmax  | %/°C  | -(0.43±0.05) |
|                            | ISC   | %/°C  | 0.04±0.015   |
|                            | Voc   | %/°C  | -(0.325±0.1) |
| Standard Test Condition:   |       |       |              |

Irradiance 1000W/m<sup>2</sup>, module temperature 25°C, AM1.5

## MECHANICAL CHARACTERISTICS

|                 |                       |             |
|-----------------|-----------------------|-------------|
| Number of Cells | pcs                   | 60          |
| Size of Cell    | mm                    | 156X156     |
| Size of Module  | mm                    | 1650X990X50 |
| Weight          | kg                    | 19.5        |
| Connector       | MC4 or MC4 compatible |             |

## IV CURVES



## ABSOLUTE MAXIMUM RATINGS

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| Temperature Range                 | -40° C~+85° C                        |
| Surface Maximum Load Capacity(Pa) | 5400                                 |
| Allowable Hail Load               | 25mm ice-ball with velocity of 23m/s |

