

# PRIMA

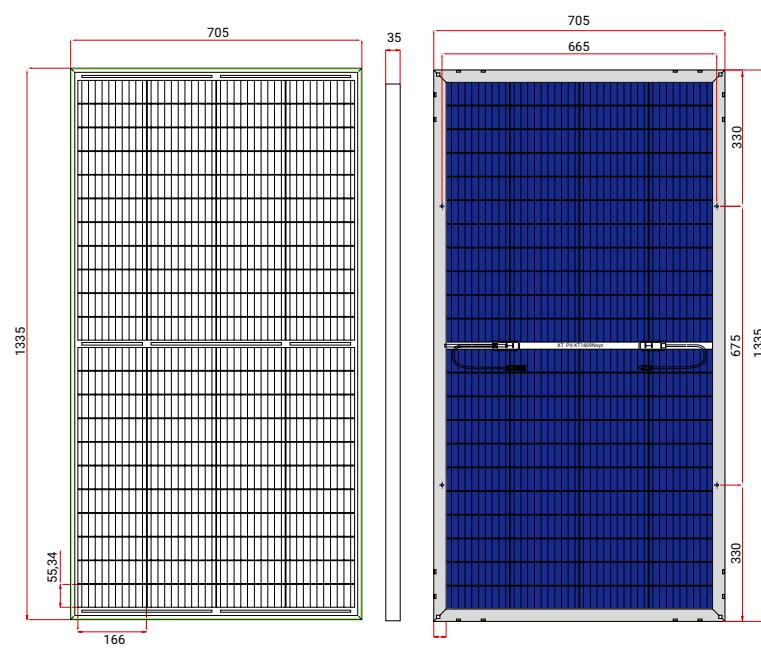
# PSM-180 (B)



## Electrical Characteristics

|                                 |               |
|---------------------------------|---------------|
| Rated power (Wp)                | 180W          |
| Open-circuit voltage(UoC)       | 29.9V         |
| Rated voltage (Umpp)            | 25.5V         |
| Short-circuit current(Isc)      | 7.42A         |
| Rated current (Impp)            | 7.06A         |
| Efficiency                      | 22.7%         |
| Max. system voltage             | 1500V DC(IEC) |
| Power temperature coefficient   | -0.35%/°C     |
| Voltage temperature coefficient | -0.275%/°C    |
| Current temperature coefficient | 0.045%/°C     |
| Output power tolerance          | ±3%           |
| Operating Temperature           | -40°C~85°C    |

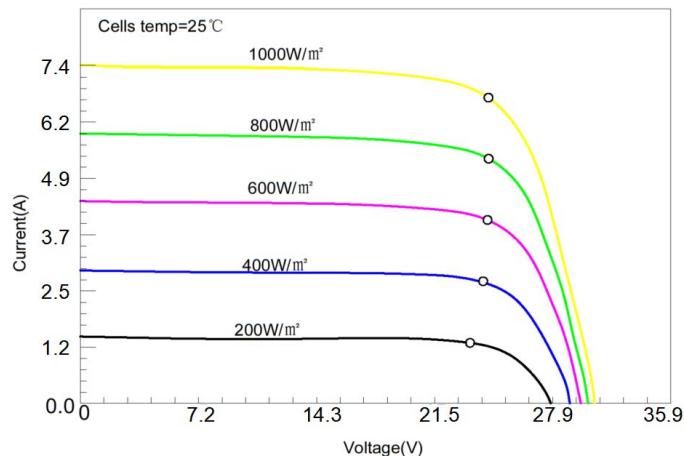
## Dimensions (mm)



## Specifications

|                             |   |
|-----------------------------|---|
| Solar Cells                 | Monocrystalline 182mm                                 |
| No.of cells and connections | 88(4*11*2)  |
| Module dimension            | 1335 x 705 x 35mm                                     |
| Weight                      | 13.5 kg   |
| Output cable                | 2*diodes +500mm/4mm <sup>2</sup> cable+MC4 compatible |
| Protection Class            | IP68  |
| Certifications              | CE RoHS   |

## Curves of PV Module



## Product Introduction

The module incorporates advanced glass technology that enables energy generation from both sides, significantly enhancing overall efficiency and performance. Its specially engineered front- and back-electrode pattern improves mechanical load resistance and reduces fragmentation during production. Combined with outstanding anti-PID performance, this design ensures stable long-term power output and contributes to a higher overall conversion efficiency.