

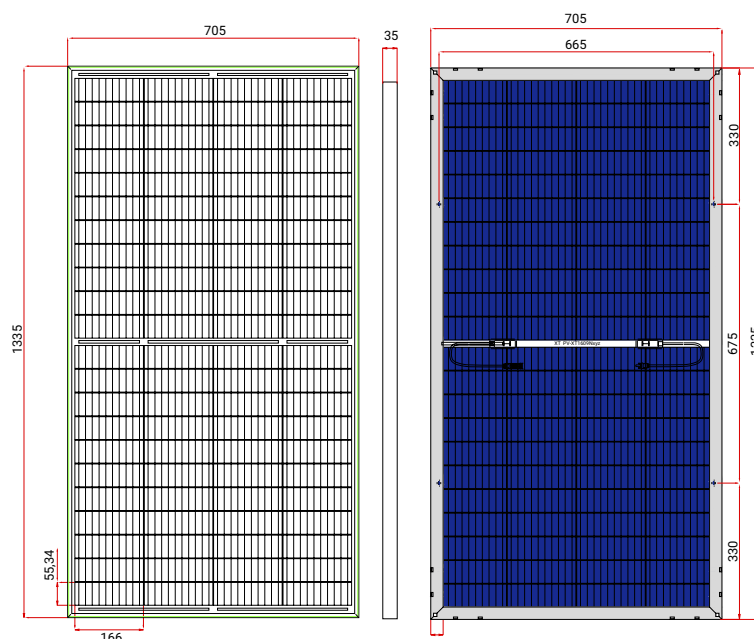
PRIMA PSM-180 (B)



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 |

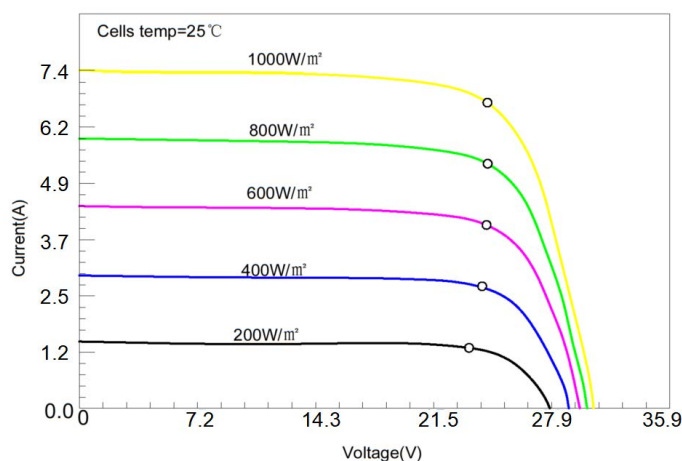
Dimensions (mm)



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 ² 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.