

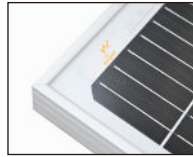
Product Details

# RIGID SOLAR PANEL

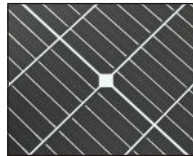
## SGM2-135W



MC4

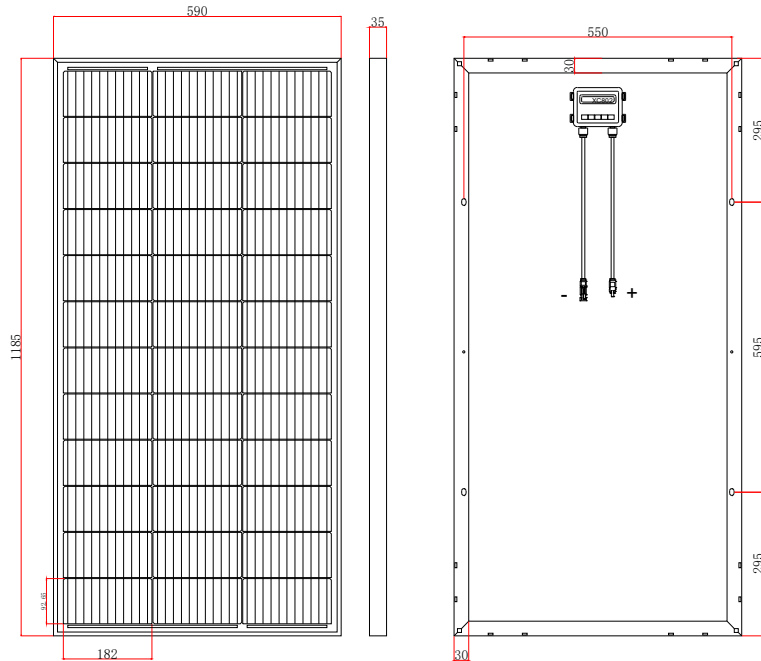


Aluminum frame



Tempered glass

Module Diagram



Electrical Characteristics

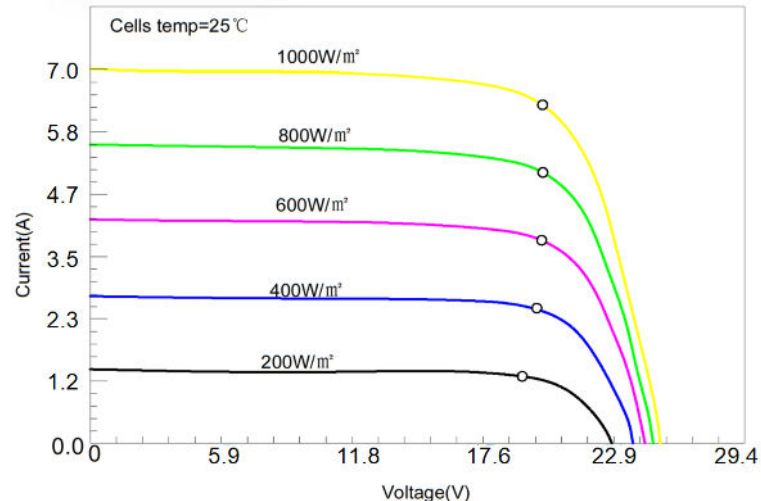
|                                 |               |
|---------------------------------|---------------|
| Maximum power(Pmax)             | 135W          |
| Open-circuit voltage(Voc)       | 24.5V         |
| Voltage at Pmax(Vmp)            | 20.9V         |
| Short-circuit current(Isc)      | 6.78A         |
| Current at Pmax(Imp)            | 6.46A         |
| Cells Efficiency(%)             | 22.7%         |
| The maximum system voltage      | 1000V 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    |

Product Introduction

On the 182 mm single solar cell, the unique front, and back electrode pattern design improves the mechanical load of the module and reduces the fragmentation rate in the production of the module; combined with the excellent anti-PID performance, it ensures the stability of the power generation of the module, effectively The conversion efficiency of the module is improved.

Specifications

|                             |  |
|-----------------------------|--|
| Solar cell brand            | A grade mono solar cells 182mm                         |
| No.of cells and connections | 36(3*12)   |
| Module dimension            | 1185*590*35mm  |
| Weight                      | 7.7KG  |
| Output cable                | 2*diodes + 900mm/4mm <sup>2</sup> cable+MC4 compatible |
| Approvals                   | IP65   |
| Certifications              | CE, ROHS, FCC  |
| Warranty                    | 10 years and service life 25 years                     |



\*SUNGOLD offer customize service, please refer to our website or ask SUNGOLD workers for more sizes and the latest parameters.