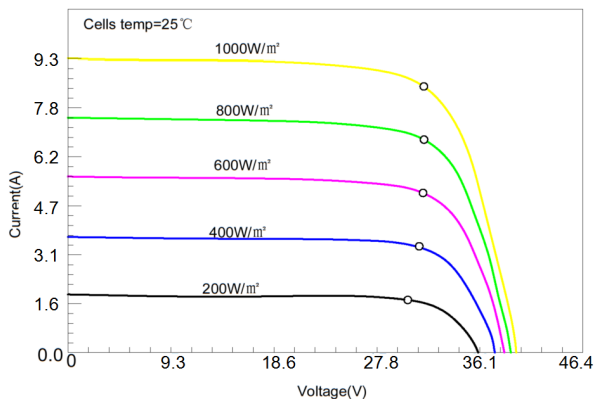
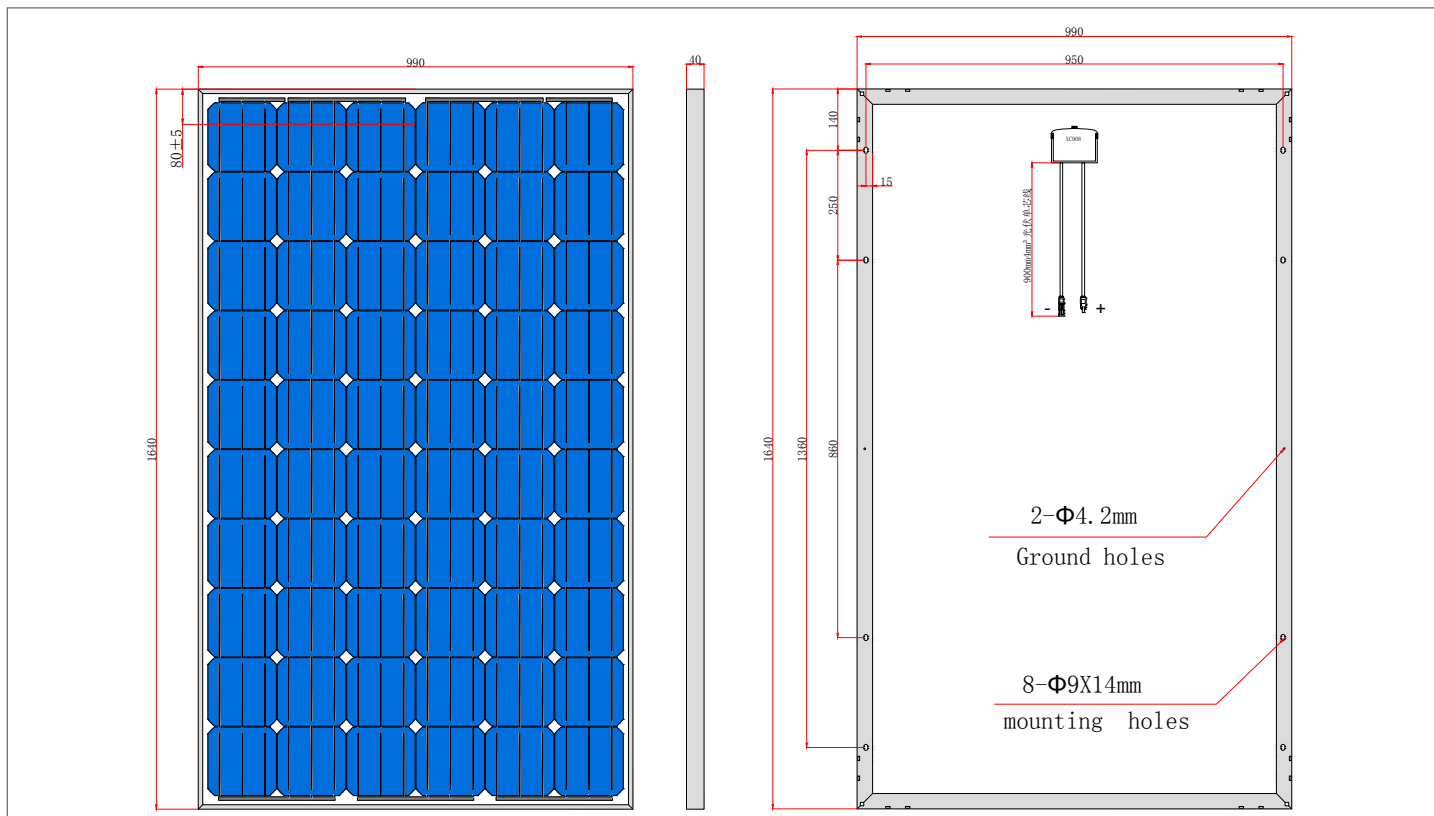


SGM-285W

Monocrystalline Solar Panel (SGM Series)

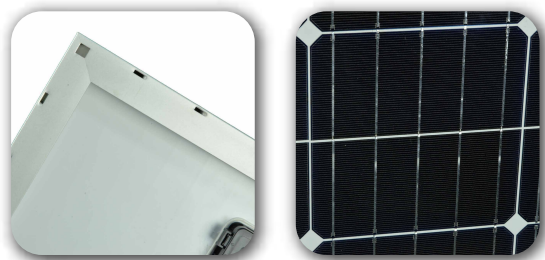


Module Diagram



Electrical Characteristics

| | |
|---------------------------------|--------------|
| Maximum power(Pmax) | 285W |
| Open-circuit voltage(Voc) | 38.8 |
| Voltage at Pmax(Vmp) | 33.0 |
| Short-circuit current(Isc) | 9.16 |
| Current at Pmax(Imp) | 8.64 |
| Cells Efficiency(%) | 20.40% |
| The maximum system voltage | 1000VDC(IEC) |
| Power temperature coefficient | -0.43%/°C |
| Voltage temperature coefficient | -0.34%/°C |
| Current temperature coefficient | 0.05%/°C |
| Output power tolerance | ±3% |
| Operating Temperature | -40~85°C |



— Product details —

Specifications

| | |
|-----------------------------|-----------------------------------|
| Solar cell brand | A grade solar cells |
| No.of cells and connections | 60(6*10) |
| Module dimension | 990*1640*40mm |
| Weight | 17.80KG |
| Waterproof junction box | IP65/IP67 |
| Warranty | 10 year and service life 25 years |