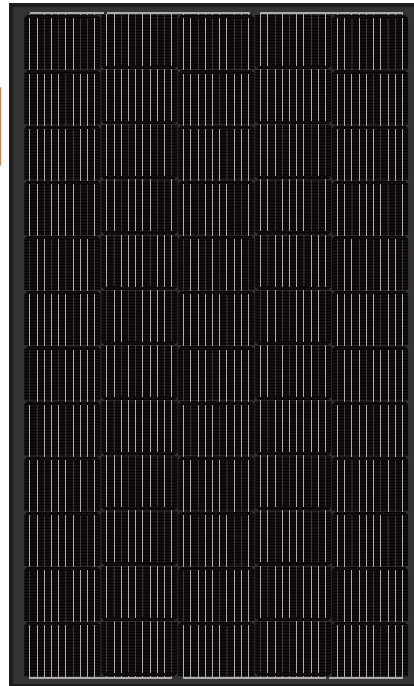




ST-340Q-24M

High Efficiency Monocrystalline PV Module

- Nominal 24V DC for standard output.
- Outstanding low-light performance.
- Heavy-duty anodized frames.
- High transparent low-iron, tempered glass.
- Designed to withstand high wind pressures, hail and heavy snow.
- Quality aesthetic appearance.



60 CELL
MONOCRYSTALLINE MODULE

340W
POWER OUTPUT

20.00%
MODULE EFFICIENCY

± 5%
TOLERANCE



High Efficiency

Module Efficiency improved through advanced cell technology and manufacturing capabilities



High PID Resistance

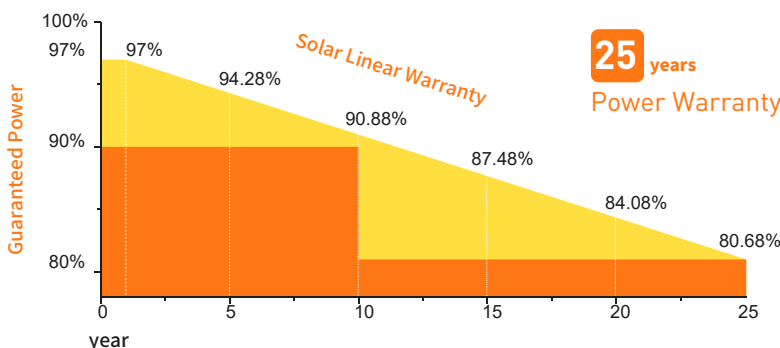
Advanced cell technology and qualified materials lead to high resistance to PID



Withstands Harsh Environment

High PID resistance, 5400 Pa positive load, 2400 Pa negative load, Salt mist (IEC 61701)

Performance Warranty



2 years

Product Warranty

25 years

Power Warranty

Wind Load/Snow Load:
2400pa/5400pa

Power Tolerance :
± 5%

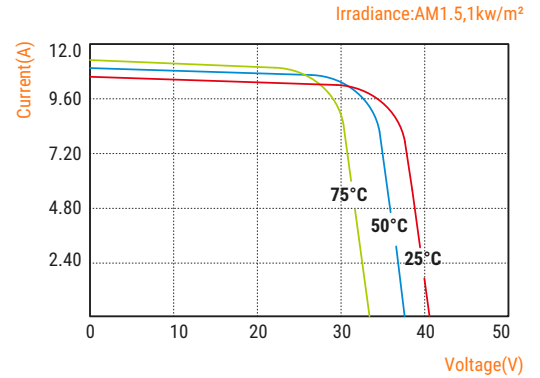
Warranty Information :
2 Year Product Workmanship

Electrical Characteristics

| | |
|---|-------------------|
| Product code | 340Q6063M |
| Maximum power (Pmax) | 340W |
| Voltage at Pmax (Vmp) | 34.57V |
| Current at Pmax (Imp) | 9.84A |
| Open-circuit voltage (Voc) | 40.57V |
| Short-circuit current (Isc) | 10.47A |
| Temperature coefficient of Voc | -(80±10)mV/°C |
| Temperature coefficient of Isc | (0.065±0.015)%/°C |
| Temperature coefficient of power | -(0.5±0.05)%/°C |
| NOCT (Air 20°C; Sun 0.8kW/m² wind 1m/s) | 47±2°C |
| Operating temperature | -40°C to 85°C |
| Maximum system voltage | 1000V DC |
| Power tolerance | ± 5% |

*STC: Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C

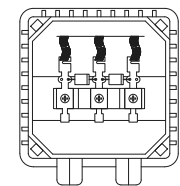
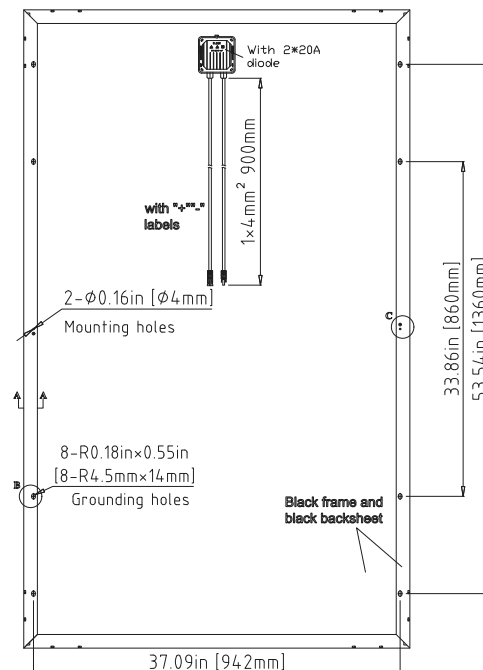
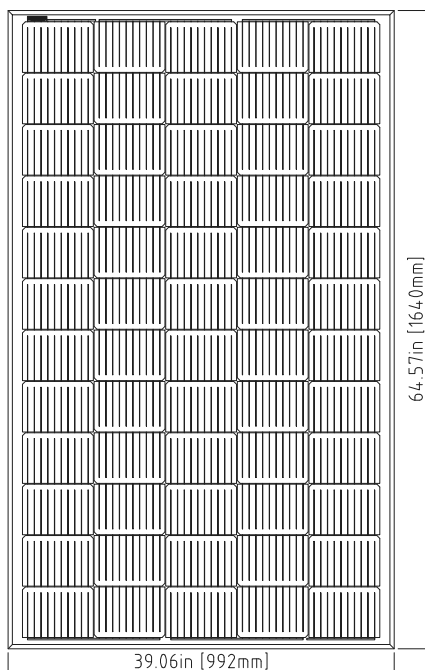
*NOCT: Nominal operating cell temperature (the data is only for reference)



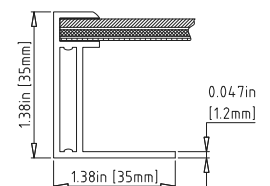
I-V Curves (STC)

Specifications

| | |
|------------------------------|---|
| Cells | Monocrystalline silicon solar cell |
| No. of cells and connections | 60(5X12) |
| Module dimension | 64.57in.x39.06in.x1.38in.[1640mm x992mm x35mm] |
| Weight | 38.31lbs[17.38kg] |
| Packing information(Carton) | 66.34in.x40.83in.x2.76in.[1685mm x1037mm x70mm]/(1pc/ctn) |



Junction Box
Top View (Lid Open)



Section A-A