

490W/33V Monocrystalline Silicon Solar Module Specifications

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| Item No. | G10M490-66H-V |
| Cell Type | Mono |
| Number of Cells | 132pcs |
| Maximum Peak Power | 490W |
| Maximum Power Voltage | 38.05V |
| Maximum Power Current | 12.88A |
| Open Circuit Voltage | 45.25V |
| Short Circuit Current | 13.77A |
| Cell Efficiency | ≥22.7% |
| Module Efficiency | ≥20.6% |
| Output Power Tolerance | 0~+5W |
| Operating Temperature | -40℃~+85℃ |
| Maximum System Voltage | 1500VDC (IEC) |
| Maximum Series Fuse Rating | 25A |
| Nominal Operation Cell Temperature | 45±2℃ |
| Temperature Coefficient of Pmax | -0.35%/℃ |
| Temperature Coefficient of Voc | -0.27%/℃ |
| Temperature Coefficient of Isc | +0.048%/℃ |
| Front Side Maximum Static Loading | 5400Pa |
| Rear Side Maximum Static Loading | 2400Pa |
| Hailstone Test | 25mm hailstone at the speed of 23m/s |
| Standard Test Conditions | AM1.5, 1000W/m ² , 25℃ |
| Front Glass | Tempered glass, 3.2mm in thickness |
| Frame | Anodized aluminium alloy |
| Junction Box | ≥IP68 |
| Output Cables | 300mm |
| Connector | MC4 |
| Module Dimension | 2094×1134×35mm |
| Module Weight | 26.1kg |
| Packaging | 31pcs/pallet |
| Product Certificates | TUV, CE, CQC,IEC |



