

High customer value

- Lower LCOE , reduced BOS cost, better ROI
- Lowest guaranteed first year and annual degradation
- Optimized compatibility with existing mainstream system components



High power up to 620W

- Up to 23.0% module efficiency
- High density interconnection provides improved power density
- MBB technology improves lighttrapping effect and currentcollection, while lowering series resistance



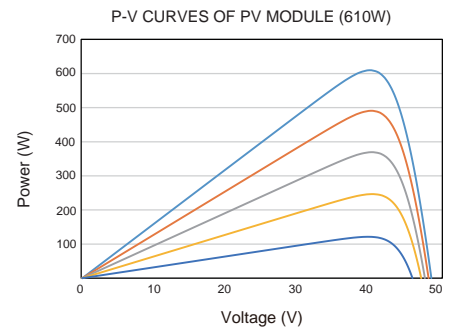
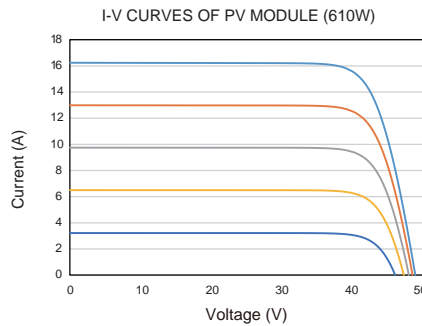
| Testing Condition | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
|-------------------------------------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|
| Peak Power Watts- $P_{MAX}(Wp)^*$ | | | | | | | | | | | | |
| Power Selection (W)** | | | | | | | | | | | | |
| Maximum Power Voltage- $V_{MPP}(V)$ | | | | | | | | | | | | |
| Maximum Power Current- $I_{MPP}(A)$ | | | | | | | | | | | | |
| Open Circuit Voltage- $V_{oc}(V)$ | | | | | | | | | | | | |
| Short Circuit Current- $I_{sc}(A)$ | | | | | | | | | | | | |
| Module Efficiency η (%) | | | | | | | | | | | | |

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5. NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s. *Measuring tolerance: ±3%. **Power selection up to: +3%.

| Backside Power Gain | 5% | 10% | 5% | 10% | 5% | 10% | 5% | 10% | 5% | 10% | 5% | 10% |
|-------------------------------------|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|
| Peak Power Watts- $P_{MAX}(Wp)$ | | | | | | | | | | | | |
| Maximum Power Voltage- $V_{MPP}(V)$ | | | | | | | | | | | | |
| Maximum Power Current- $I_{MPP}(A)$ | | | | | | | | | | | | |
| Open Circuit Voltage- $V_{oc}(V)$ | | | | | | | | | | | | |
| Short Circuit Current- $I_{sc}(A)$ | | | | | | | | | | | | |
| Power Bifaciality:80±5% | | | | | | | | | | | | |

| | |
|--|-------------|
| NOCT(Nominal Operating Cell Temperature) | 43 q (±2 q) |
| Temperature Coefficient of P_{MAX} | - 0.29% / q |
| Temperature Coefficient of V_{oc} | - 0.24% / q |
| Temperature Coefficient of I_{sc} | 0.04% / q |

| | |
|-------------------------|---------------------------------|
| Operational Temperature | -40~+85 q |
| Maximum System Voltage | 1500V DC (IEC) 1500V DC (UL) |
| Max Series Fuse Rating | 30A* |



| | |
|-------------------|--|
| Solar Cells | N-type TOPCon Monocrystalline |
| No. of cells | 132 cells |
| Module Dimensions | 2382×1134×30 mm (93.78×44.65×1.18 inches) |
| Weight | 33.0 kg (72.8 lb) |
| Front Glass | 2.0 mm (0.08 inches), AR Coating Heat Strengthened Glass |
| Back Glass | 2.0 mm (0.08 inches), Heat Strengthened Glass |
| Frame | 30mm (1.18 inches) Anodized Aluminium Alloy |
| J-Box | IP 68 rated |
| Cables | Photovoltaic Technology Cable 4.0mm (0.006 inches) Portrait: 200/320 mm (7.87/12.60 inches) Landscape: 1400/1400mm (55.1/55.1 inches) Length can be customized |
| Connector | MC4 EVO2 / TS4 Plus / TS4* |
| Packaging | Modules per box: 36 pieces Modules per 40'/53' container: 540 pieces |



CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.
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