

MONO ZCM5-72P | 180-210Watt

ZCM5-72P
MONO CRYSTALLINE MODULE

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Guarantee positive power tolerance(0~+3%)



Module can bear snow loads up to 5400Pa and wind loads up to 2400Pa



High performance under low light conditions (Cloudy days,mornings and evenings)



Manufacturing facility certified by ISO 9001:2008 and ISO 14001:2004



Chubb products liability insurance,errors and omissions(E&O)insurance

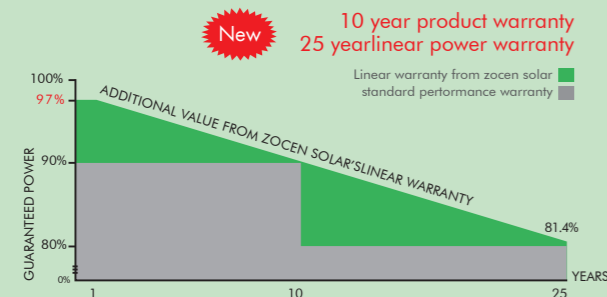


NOTE:All products of Zocen solar have been certified by designated interational organizations. For detailed information,please visit the company's official website.

CERTIFICATION >>



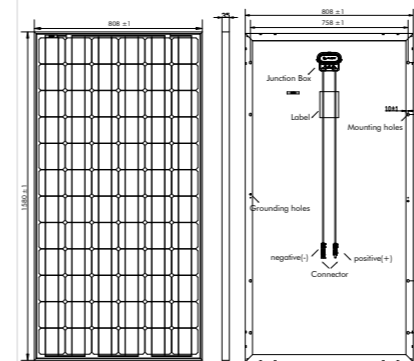
INDUSTRY-LEADING LINEAR WARRANTY



Scan QR code here to see technical information of these modules

| Typical Electronic Characteristics | 180 | 185 | 190 | 195 | 200 | 205 | 210 |
|-----------------------------------------|----------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|
| Maximum power(pmax) | 180 | 185 | 190 | 195 | 200 | 205 | 210 |
| Power Tolerance | +3% | +3% | +3% | +3% | +3% | +3% | +3% |
| Open Circuit Voltage(Voc) | 44.9 | 45.0 | 45.2 | 45.3 | 45.4 | 45.6 | 45.9 |
| Short Circuit Current(Isc) | 5.36 | 5.48 | 5.56 | 5.65 | 5.71 | 5.79 | 5.85 |
| Maximum Power Voltage(Vmp) | 36.10 | 36.40 | 36.70 | 36.90 | 37.10 | 37.30 | 37.50 |
| Maximum Power Current(Imp) | 4.99 | 5.09 | 5.18 | 5.29 | 5.40 | 5.51 | 5.6 |
| Module Efficiency | 14.10% | 14.50% | 14.89% | 15.27% | 15.67% | 16.06% | 16.45% |
| Max.System Voltage | 1000VDC | | | | | | |
| Cell Size and Series | Mono-crystalline 125×125mm(5 inch)72pcs(6×12) | | | | | | |
| Bypass Diodes | 3pcs 12A | | | | | | |
| Temperature Coefficients of Pmax | -0.47%/C | | | | | | |
| Temperature Coefficients of Voc | -0.35%/C | | | | | | |
| Temperature Coefficients of Isc | 0.05%/C | | | | | | |
| NOTC-Nominal Operating Cell Temperature | 45 C (±2 C) | | | | | | |
| STC Condition | Irradiance Level 1,000w/㎡,Spectrum AM 1.5, And Cell Temperature 25 C | | | | | | |

ENGINEERING DRAWINGS



| Mechanical Characteristics | |
|----------------------------|--------------------------------------------------------------------------------------|
| Dimension(mm) | 1580×808×35(mm) |
| Frame | Anodized Aluminum Alloy |
| Construction | Front:High transmission 3.2mm tempered glass Rear:White polyester;encapsulant:EVA |
| Output cables | 4.0mm ² 12AWG cable with weatherproof connectors. Cable lengths 900mm |
| Weight | 14.5KGs |
| Packing Configuration | |
| Container | 40' HQ |
| Module dimension | 1580×808×35mm |
| Pieces per pallet | 28 |
| Pallets per container | 28 |
| Pieces of container | 952 |

I-V Curves

