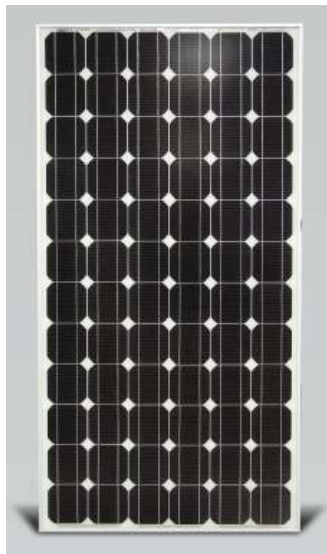




ZNSHINESOLAR Photovoltaic Modules

Tel: 01622 722280 Web: www.mapenvironmental.co.uk



250W Mono-Crystalline PV Module

<Model No. ZX250(48)MS>

Mono 5" (R165)



5 inch Gallium cells used in manufacturing process instead of standard ones.



- Power output is maximised through the highly efficient Gallium 'small angle' solar cells used.
- Low Iron Tempered Glass: The glass applied to the panels is designed to transmit power at a high rate and is coated with an anti-reflecting substance which increases panel efficiency.
- Waterproof Multi-function Junction Box with MC4 connectors.
- Long Lifespan: >=25 years with 90% efficiency.
- Power Tolerance: +/-3%
- Full BBA approval for wind uplift and weather tightness.
- Resistant to adverse weather conditions such as hailstones.
- Effective at resisting moisture and corrosion.
- Certificate issued by MCS, BBA, TÜV, CE and IEC.
- Insurance backed by Chartis, SPIB and Zurich.



PV Module Characteristics

Electrical Characteristics	Physical Characteristics	Temperature Coefficients(TCs)	Absolute Maximum Limits
Pmax: 250W Vmp: 49.08V Imp: 5.09A Voc: 60.36V Isc: 5.56A Eff: 14.7%	Cell Material: Gallium mono-crystalline 125*125 (R165) Cell Array: 6*12/125*125 Dimensions: 1575mm*1082mm*45mm Weight: 22Kg	Current TCs: 0.0241 (%/K) Voltage TCs: -0.2904 (%/K) Power TCs: -0.4183 (%/K)	Max System Voltage: 1000V DC Operating Temp: -40°C ~+85°C Noct(DEGC): 47°C±2°C

25 Year Performance Graph

