

100W Poly-crystalline solar module

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| Maximum power | 100W |
| Power tolerance | ±3,00% |
| Cell type | Poly-crystalline |
| Voltage MPP | 13.00V |
| Current MPP | 7.70A |
| Short circuit current | 8.35A |
| Open circuit voltage | 16.10V |
| Coeff.. of volt. per °C | -0.38% |
| Coeff.. of vurr. per °C | 0.10% |
| Normal operating cell temp. (NOCT) | 45°C |
| System voltage max | 1000V |
| Operating temperature | -40°C ~ +80°C |
| Storage temperature | -40°C ~ +80°C |
| Maximum wind resistance | 60 m/s |
| Surface load maximum capacity | 200 kgs/square meter |
| Maximum hail load capacity | 25mm, 80km/h |
| Dimensions | 1162mm x 667mm x 35mm |
| Net weight | 11kgs |
| Frame | Aluminum |
| Thickness/material of glass | 3.2mm/toughened glass |
| Lamination material | EVA |
| Backsheet material | TPT |
| Cell matrix | 4*7 (28pcs) |
| Cell size | 156mm*156mm |
| Cell efficiency | ≥14.7% |
| Quality guarantee | 2 years |
| Guaranty of power output | 90% for first 10years, and 80% for next 15 years |
| Working life | 25 years |
| Standard Test Conditions | 1000W/m²; AM 1.5; Cell T=25 |