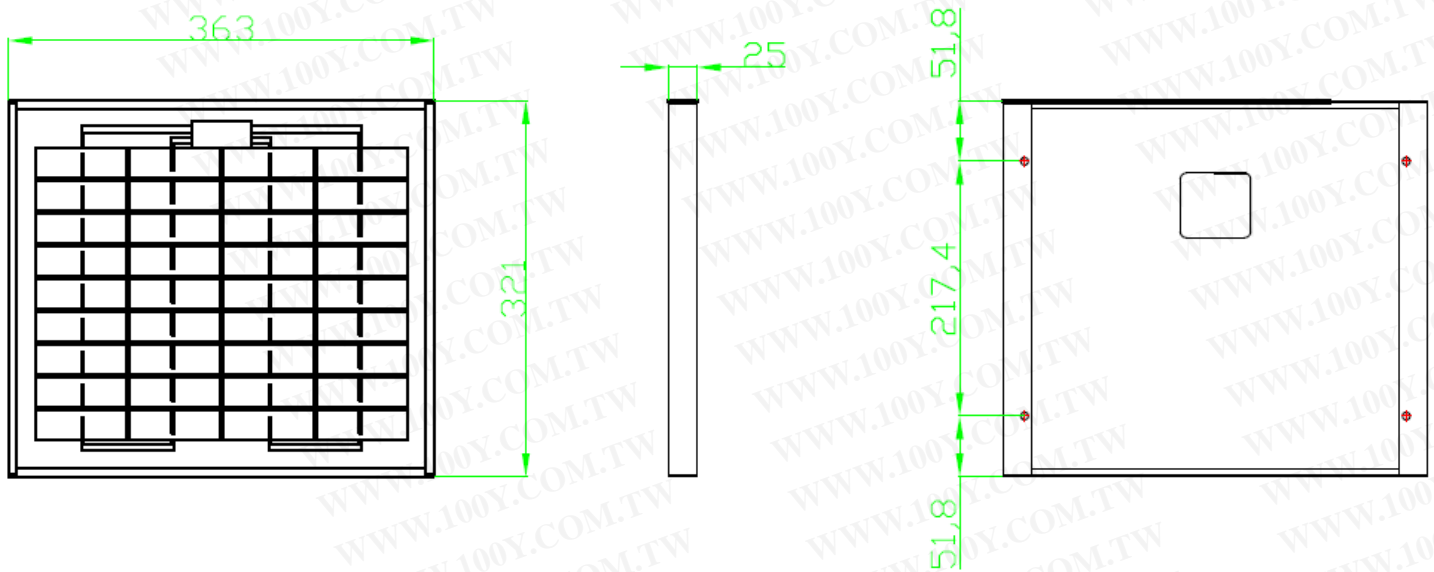


Solar Module: MyECO PM10 Series
(PM10, 6" Polycrystalline Solar Cell, 1/12 4x9 Cells)
Front View



Technical Drawing



勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Product Characteristics

Electrical Characteristics: Performance at STC*1

Model Type	PM10			
Nominal Peak Power, Pmax	10W ± 5%			
Peak Power Voltage, Vpm	17.75 V			
Peak Power Current, Ipm	0.60 A			
Open Circuit Voltage, Voc	21.82 V			
Short Circuit Current, Isc	0.64 A			
Module Efficiency	8.58%			

*STC: Standard Test Condition, 1000W/m², AM 1.5, 25°C

Current-Voltage Characteristics (I-V Curve) at various irradiance levels

(Data in preparation)

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Physical Specifications

Dimension [L x W x H]	321 x 363 x 25 mm
Weight (Kg)	2 Kg

Packing Specifications

Modules Per Carton	2pcs/carton
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Component materials

Cell Qty per Module	36pcs
Cell Type	Polycrystalline Silicon
Cell Dimensions	78 x 26mm
Laminate Construction	Front: Tempered Glass Encapsulation: Solar Cells Embedded in EVA (Ethylene-Vinyl-Acetate) Rear: Tedlar
Glass	Low-Iron Tempered Glass, 3.2mm
Junction Box	IP65 Junction Box (TUV Certified)
Frame	Anodized Aluminum Frame. Color: Silver

Performance Warranty

90% Output	10Years
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Quality Assurance

Quality Management	ISO 9001:2000 certified
IEC 61215:2005	TUV certified
EN 61730-1 & EN 61730-2:2007	TUV certified
1. Electrical Insulation Test	
2. Outdoor Exposure Test	
3. Hot-Spot Endurance Test	
4. UV-exposure	
5. Thermal Cycling Test	
6. Humidity Freeze Test	
7. Damp Heat Test	
8. Robustness of Terminations Test	
9. Wet Leakage Current Test	
10. Mechanical Load Test	
11. Hail Impact Test	
12. Bypass Diode Thermal Test	

Features:

- The most reliable quality
- Good conversion efficiency of solar module
- Effectively minimize the power drop by the shade
- High-level protection for severe environment
- High quality glass provides for less reflection of incoming sunrays
- Color of the back sheet: White & Black (custom-made possible)
- Made in Taiwan

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Though the technical information has been carefully verified and corrected, error data could still be misplaced within. Above data will be subject to change without prior notice due to actual manufacturing condition and design. Please surf for the latest updates on Ritek website or contact us. Printed in 2009/03