Solar Module: MyECO PM10 Series

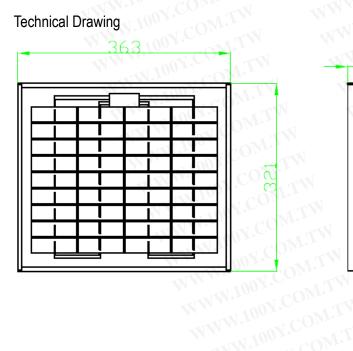
(PM10, 6" Polycrystalline Solar Cell, 1/12 4x9 Cells) WWW.100X.COM

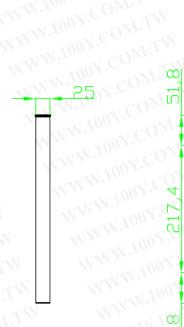
Front View

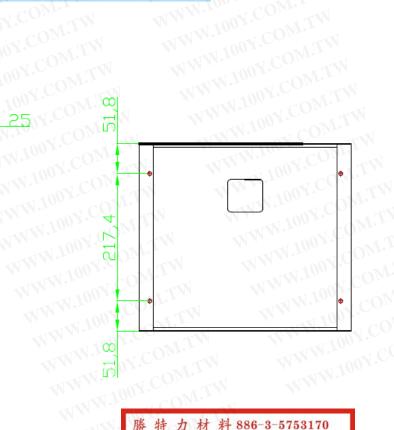




#### Technical Drawing







勝 特 力 材 料 886-3-5753170 胜特力电子(上海) 86-21-54151736 胜特力电子(深圳) 86-755-83298787 Http://www. 100y. com. tw

#### **Product Characteristics**

Model Type	PM10	TWW.100	CONT.	
Nominal Peak Power, Pmax	10W ± 5%	N 100	COM	
Peak Power Voltage, Vpm	17.75 V	7/10	ON.TW	
Peak Power Current, Ipm	0.60 A	MAN	ON CONTRACTOR	
Open Circuit Voltage, Voc	21.82 V	M MMM.	COM.	
Short Circuit Current, Isc	0.64 A	WW	In COMP.	
Module Efficiency	8.58%	LA MA	11101. WILL	

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

Current-Voltage Characteristics (I-V Curve) at various irradiance levels (Data in preparation) WWW.100Y.CC WWW.100Y.COM.TW

> WWW.100Y.COM.TW WWW.100Y.COM.TW 勝 特 力 材 料 886-3-5753170 胜特力电子(上海) 86-21-54151736 胜特力电子(深圳) 86-755-83298787 Http://www. 100y. com. tw

W.100Y.COM.TW

## **Physical Specifications**

		Http://www.10	0y. com. tw
Physical Specifications		WWW.100Y.COM.TW	M.M.M.100)
Dimension [L x W x H]	321 x 363 x 25 mm	COM. TOWN	MW.M.
Weight (Kg)	2 Kg	M. 100 COW. 1	44
Packing Specifications	WWW.100Y.COM.TW	MMM.1007.COM:TW	
Modulos Por Carton	2ncs/carton	M. M. A.	

#### Packing Specifications

vveignt (Kg)	2 Ng	COM
Packing Specifications		
Modules Per Carton	2pcs/carton	W. W.
	WWW.100X.COM	

## Component materials

	ON COM TW	
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 (TÜV Certified)	
Frame	Anodized Aluminum Frame. Color: Silver	

## Performance Warranty

90% Output	10Years	MA GOM.
007000.000		

# **Quality Assurance**

Quality Management	ISO 9001:2000 certified
IEC 61215:2005	TÜV certified
EN 61730-1 & EN 61730-2:2007	TÜV certified
Electrical Insulation Test	WW. LOOV. COM TW WWW. COM TW
Outdoor Exposure Test	MAN TOO COMP.
3. Hot-Spot Endurance Test	W. T. TOO T. COM. THE WAY TOO TO THE TOO TO THE TOO TH
4. UV-exposure	WWW. 100X. CONTRA
5. Thermal Cycling Test	MANN TO STORY THE WAY TO STORY TO THE
6. Humidity Freeze Test	MAN, TOO COM. THE WAYNEST COM.
7. Damp Heat Test	M. 100 COM. I. T. T. M. Ino. COM.
8. Robustness of Terminations Test	M. 1005. W.I.M. M. W. 1005. CON'I.
9. Wet Leakage Current Test	WHY TOOK CO. TAN MAN TOOK COM TAN
10. Mechanical Load Test	MAN. TO ON COM. TAN MAN. TON COM. TAN
11. Hail Impact Test	WW.Ing. COM.
12. Bypass Diode Thermal Test	M. 1003. COW. J. M. M. 1003. COW. J. M.

### 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 WWW.100Y.C latest updates on Ritek website or contact us. Printed in 2009/03