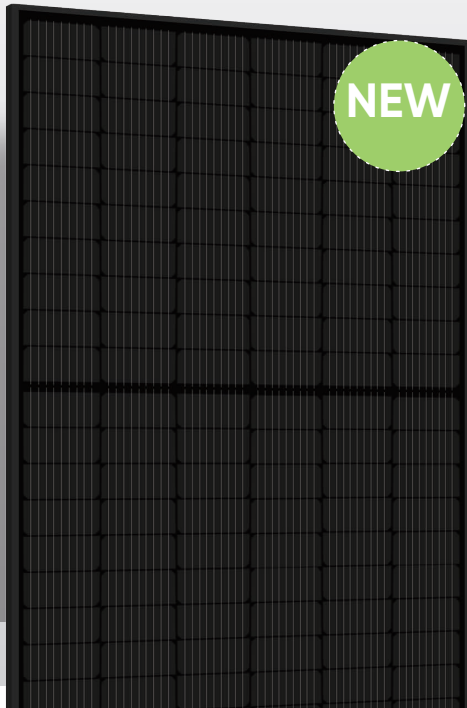




www.fortunes-solar.com



Full Black Half Cell Mono Solar Module

	FDS-M6M-60-340BK
M6/166 Cells Series	FDS-M6M-60-345BK
340 - 355W	FDS-M6M-60-350BK
	FDS-M6M-60-355BK

IEC61215/IEC61730

ISO9001:Quality Management System ISO14001:Environmental Management System

ISO45001:Occupational Health and Safety Management System



PID Resistance



Higher Power Output



9 Bus Bar Half Cut Cell
With PERC Technology



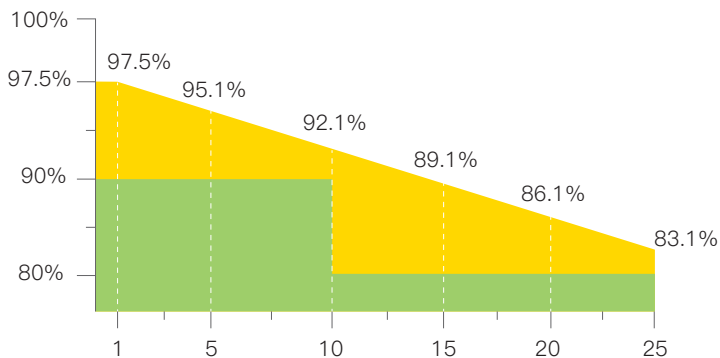
Strengthened Mechanical
Support 5400 Pa Snow
Load, 2400 Pa Wind Load



0~+5W Positive Tolerance



Combined With The Roof
For A Better Visual
Appearance



25 year linear performance warranty from FST

Standard performance warranty

Additional value from FST linear warranty

FORTUNES SOLAR TECHNOLOGY CO., LTD

Tel: +86 512 58542102 Fax: +86 512 5854 2702 sales@fortunes-solar.com.cn Add: No.2,2nd Circle Rd, North Zhangjiagan City, Jiangsu, PR.China

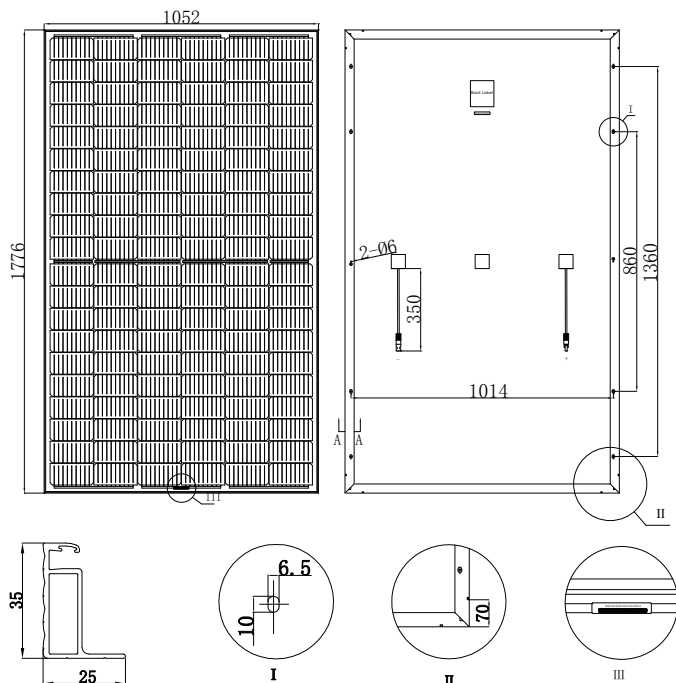
Large Dimension Plus Half Cell(6x20) Full Black Mono Solar Module

Module Type		FDS-M6M-60-340BK		FDS-M6M-60-345BK		FDS-M6M-60-350BK		FDS-M6M-60-355BK	
Test Environment		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Tolerance	(W)	0~+5							
Module Efficiency	(%)	18.2		18.47		18.74		19.01	
Maximum Power	Pmax(W)	340	251.79	345	255.49	350	259.19	355	262.89
Open Circuit Voltage	Voc(V)	40.03	37.32	40.28	37.56	40.52	37.78	40.72	37.97
Short Circuit Current	Isc(A)	10.85	8.72	10.94	8.79	11.04	8.87	11.12	8.93
Maximum Power Voltage	Vm(V)	32.89	30.41	33.09	30.6	33.29	30.78	33.49	30.88
Maximum Power Current	Im(A)	10.34	8.28	10.43	8.34	10.52	8.42	10.61	8.48
Cell Type	(mm)	166x83(9BB Mono-Crystalline Silicon)							
Number of Cells	(Pcs)	120(6×20)							
Maximum System Voltage	(V)	DC1500							
Temp. Coeff. of Voc	(%/°C)	-0.285							
Temp. Coeff. of Isc	(%/°C)	0.055							
Temp. Coeff. of Pm	(%/°C)	-0.365							
Operating Temperature	°C	-40 to 85							
Nominal Operating Cell Temperature (NOCT)	°C	45±2							
Max. Series Fuse	(A)	20							
Pressure Bearing	(Pa)	5400							
Wind Bearing	(Pa)	2400							

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5

NOCT: Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1m/s

ENGINEERING DRAWINGS

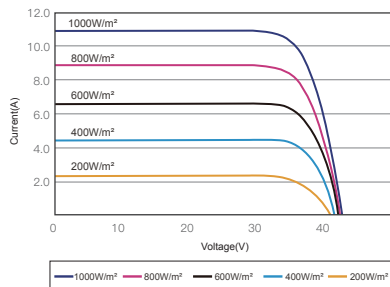


Manufactured in China

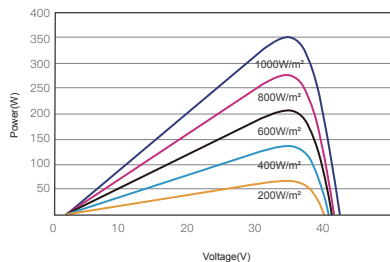
MATERIAL DETAILS

Frame	Anodized aluminum
Glass	3.2mm low-iron tempered suede glass
Cell	6×20pcs 166x83mm mono solar cell
Junction Box	Rated Current ≥ 15A, IP ≥ 68, TÜV & UL
Diode quantity	3
Cable&Connector	4mm ² , EVO2 or EVO2 compatible
Cable length	350mm or as customer's requirements

IV CURVES



I-V CURVES OF PV MODULE(350W)



P-V CURVES OF PV MODULE(350W)

PACKING DETAILS

Dimension	(mm)	1776×1052×35
Weight	(kg)	20
Loading Capacity		360 pcs / 20'GP 858 pcs / 40'HC
Packing	pcs/pallet	31