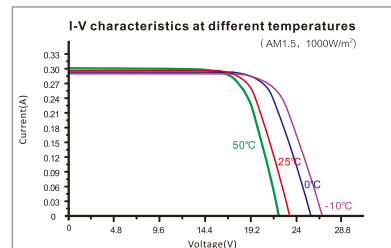
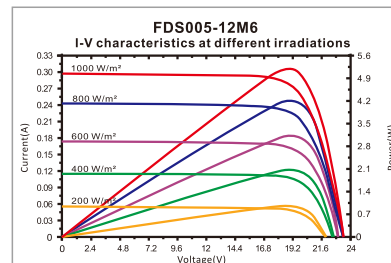
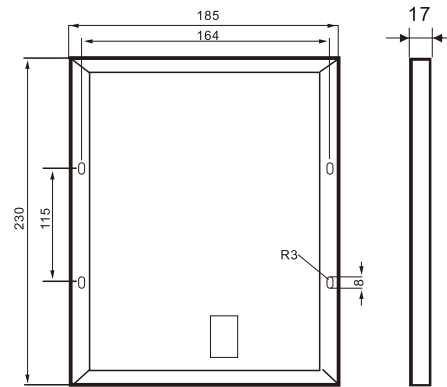
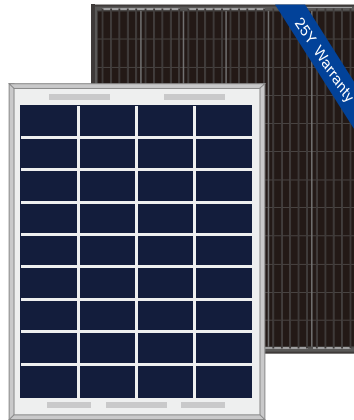




# FDS005-12M6



## ELECTRICAL DATA (STC)

Model Number	FDS005-12M6
Rated Power in Watts-Pmax(Wp)	5
Open Circuit Voltage-Voc(V)	22.6
Short Circuit Current-Isc(A)	0.29
Maximum Power Voltage-Vmpp(V)	18.6
Maximum Power Current-Imp (A)	0.27
Module Efficiency (%)	11.8
Minimum Power Tolerance	0~+3%

STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

## MECHANICAL DATA

Solar cells	Mono-crystalline 38x19.5mm
Cell configuration	36 cells(4×9)
Module dimensions	230×185×17mm
Weight	0.4kg
Superstrate	3.2 mm, High Transmission, Low Iron, Tempered ARC Glass
Substrate	White Back-sheet
Frame	Anodized Aluminium Alloy type 6063T5, Silver color
J-Box	IP65
Cables	—

## TEMPERATURE & MAXIMUM RATINGS

Nominal Module Operating Temperature(NMOT)	45°C ± 2°C
Temperature Coefficient of Voc	-0.29%/°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	-0.39%/°C
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1000VDC
Max Series Fuse Rating	6A
Limiting Reverse Current	6A

## PACKAGING CONFIGURATION

	40ft	20ft
Number of modules per container	52800	24000
Number of modules per pallet	2400	2400
Number of pallets per container	20	20

**25 YEARS** OUTPUT POWER WARRANTY

**10 YEARS** PRODUCT WARRANTY



Jiangsu Fortunes Solar Technology Co.,Ltd

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