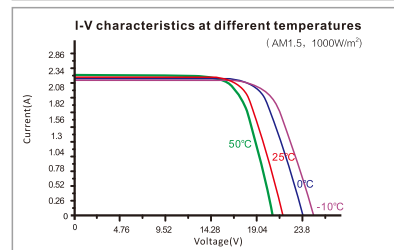
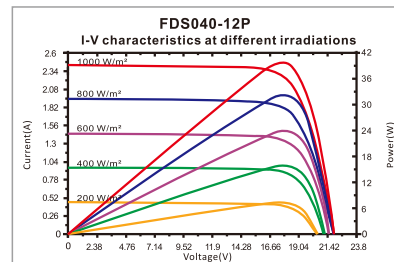
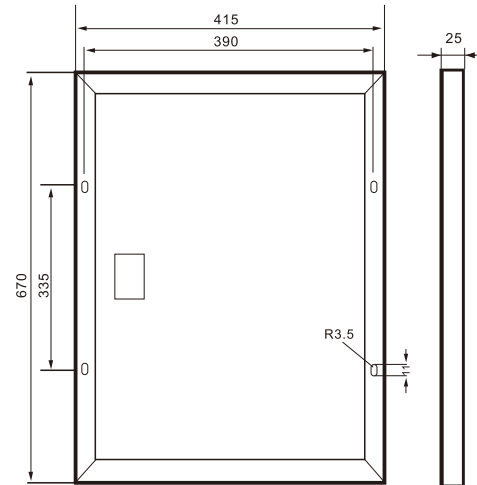
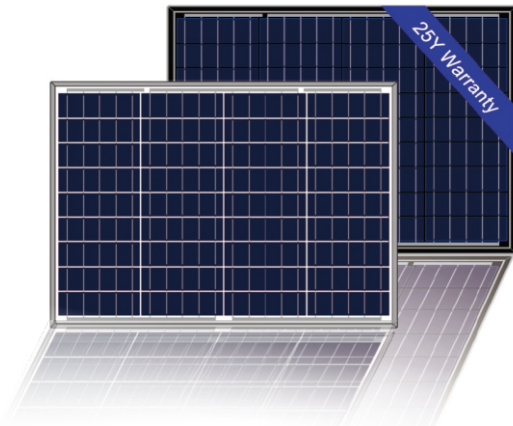




FDS040-12P



ELECTRICAL DATA (STC)

Model Number	FDS040-12P
Rated Power in Watts-Pmax(Wp)	40
Open Circuit Voltage-Voc(V)	22.6
Short Circuit Current-Isc(A)	2.36
Maximum Power Voltage-Vmpp(V)	18.4
Maximum Power Current-Imp(A)	2.18
Module Efficiency (%)	14.4
Minimum Power Tolerance	0~+3%

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

MECHANICAL DATA

Solar cells	Polycrystalline 157x39.2 mm, 5BB
Cell configuration	36 cells(4×9)
Module dimensions	415×670×25mm
Weight	2.9kg
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	-0.32%/°C
Temperature Coefficient of Isc	0.055%/°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	5600	2800
Number of modules per pallet	350	350
Number of pallets per container	10	10

25 YEARS OUTPUT POWER WARRANTY

10 YEARS PRODUCT WARRANTY



Jiangsu Fortunes Solar Technology Co., Ltd

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