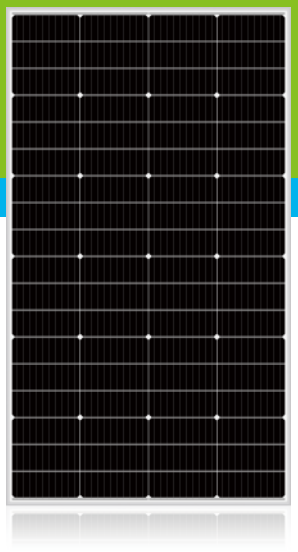
Monocrystalline Solar PV Modules

IEC61215/61730 Quality/ ISO Certified Company



Model No. FDS200-24M10

ISO9001
ISO14001
ISO45001

200W

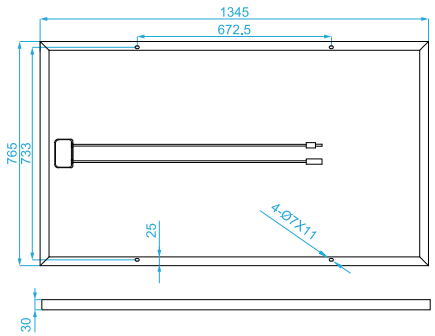
Temperature Coefficients

Nominal Operating Cell Temperature	NOCT	°C	45 +/-2
Voltage Temperature Coefficient (Voc)	α	%°C	-0.32
Current Temperature Coefficient (Isc)	β	%/°C	0.055
Power Temperature Coefficient (Pmpp)	γ	%°C	-0.39

Mechanical Data

Solar Cell	Monocrystalline, 182*70mm
Arrangement	72Cells (4*18)
Front Glass	3.2mm Tempered
Frame	Anodized Aluminium
Max. Static Snow Load, Front	5400Pa
Max. Static Wind Load, Back	2400Pa
Junction Box	IP67
Cables & Connectors	As Per Requirement

Dimensions unit : mm



Electrical Data

STC: Irradiance 1000 W/m²(module temperature 25°C AM1.5)

Module Type			FDS200-24M10
Nominal Peak Power	Pmax	Wp	200
Minimum Power Tolerance	ΔPmax	%	-/+3
Max. Power Voltage	Vmp	V	40.5
Max. Power Current	Imp	A	4.94
Open-circuit Voltage	Voc	V	48.0
Short-circuit Current	Isc	A	5.37
Module Efficiency	ηm	%	19.4
Operating Temperature		°C	-40 to +85
Max Series Fuse Rating		A	15
Max. System voltage	DC	V	1,500
Weight		KGS	10.7
Dimension		MM	1345*765*30

10 Materials & Workmanship Warranty

20 90% Power Output Warranty

25 80% Power Output Warranty

Warranty : Solar Modules with 25 years warranty

#348, North Second Ring Road, Zhangjiagang City, China, 215600
Tel : 0086-512-58542102 Fax : 0086-512-58542707
Email : sales@fortunes-solar.com.cn
Website : www.fortunes-solar.com

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