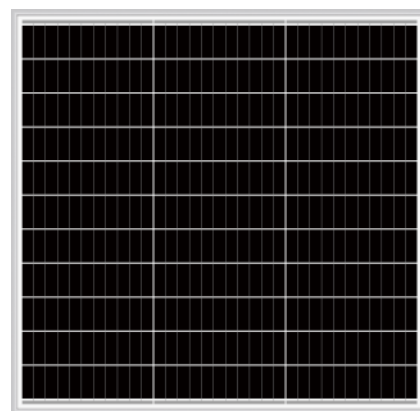


Model No. FDS060-12M10



60W



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 (Pmp)	γ	%/°C	-0.39

Mechanical Data

Solar Cell	Monocrystalline, 182*45.5mm
Arrangement	33Cells (3*11)
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

Electrical Data

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

Module Type	FDS060-12M10		
Nominal Peak Power	Pmax	Wp	60
Minimum Power Tolerance	ΔP_{max}	%	-/+3
Max. Power Voltage	Vmp	V	18.6
Max. Power Current	Imp	A	3.23
Open-circuit Voltage	Voc	V	22.0
Short-circuit Current	Isc	A	3.45
Module Efficiency	η_m	%	18.3
Operating Temperature		°C	-40 to +85
Max Series Fuse Rating		A	10
Max. System voltage	DC	V	1000
Weight		KGS	3.5
Dimension		MM	565*580*30

Dimensions unit : mm

