

SOLAR MODULES

MD030M(36)



Characteristics

Model	MD035M(36)	MD030M(36)
Module Efficiency	12.08%	10.36%
Open circuit voltage(Voc)	21.8V	21.6V
Optimum operating voltage(Vmp)	17.5V	17.2V
Short circuit current(Isc)	2.16A	1.86A
Optimum operating current(Imp)	2.0A	1.74A
Maximum Power at STC(Pm)	35Wp	30Wp

STC: Irradiance 1000W/m², Module temperature 25°C, AM=1.5.

Specifications

Cell	Mono-crystalline silicon solar cells 156×39mm
No. of cells and connections	36(4×9)
Dimension of module (mm)	426×680×18mm
Weight	3.2Kg
Power Tolerance	±5%

Limits

Operating temperature	-40°C ~ +85°C
Maximum system voltage	(IEC)715 V DC (UL)600VDC
Maximum Series Fuse Rating	3A

Temperature and Coefficients

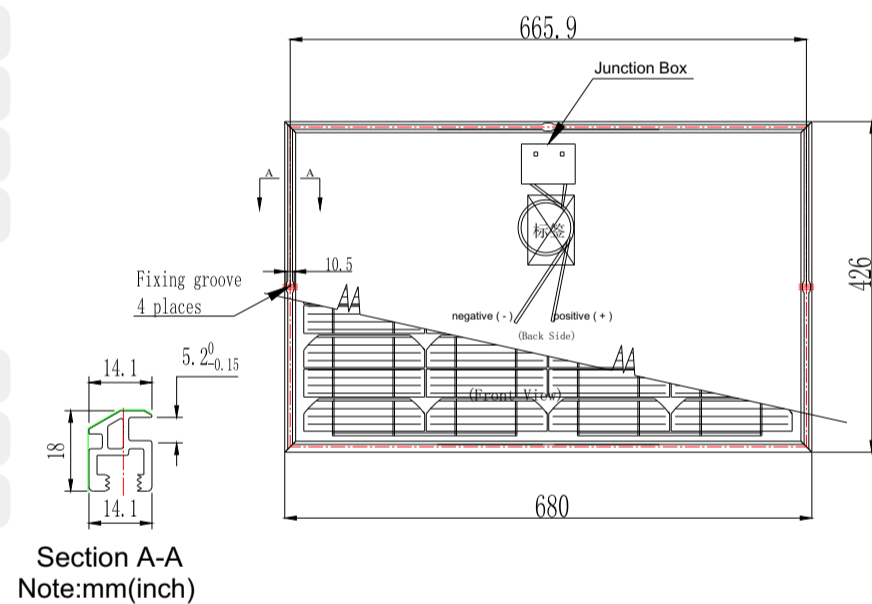
NOCT	45±2°C
Temp. Coeff.of Isc(TK Isc)	0.05%/°C
Temp. Coeff.of Voc(TK Voc)	-0.33% /°C
Temp. Coeff.of Pmax(TK Pmax)	-0.45%/°C
Maximum wind loads	2400Pa
Maximum snow load	5400Pa
Maximum Hail diameter @ 23m/s	25mm

NOCT: Nominal Operation Cell temperature

Output

Type of output terminal	Junction box
Cable	NanYang(2×0.75mm ²)
Asymmetrical lengths	500mm (-), 500mm(+)
Connection	

Blueprint of the module



30W PV I-V characteristic curves

