

SOLAR MODULES

MD030P(36)



Characteristics

Model	MD035P(36)	MD030(36)
Module Efficiency	12.08%	10.36%
Open circuit voltage(Voc)	21.6 V	21.4V
Optimum operating voltage(Vmp)	17.3V	17.1 V
Short circuit current(Isc)	2.18A	1.88A
Optimum operating current(Imp)	2.03A	1.76A
Maximum Power at STC(Pm)	35Wp	30Wp

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

Specifications

Cell	poly-crystalline silicon solar cells 156×39mm
No. of cells and connections	36(4×9)
Dimension of module (mm)	426x680x18mm
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

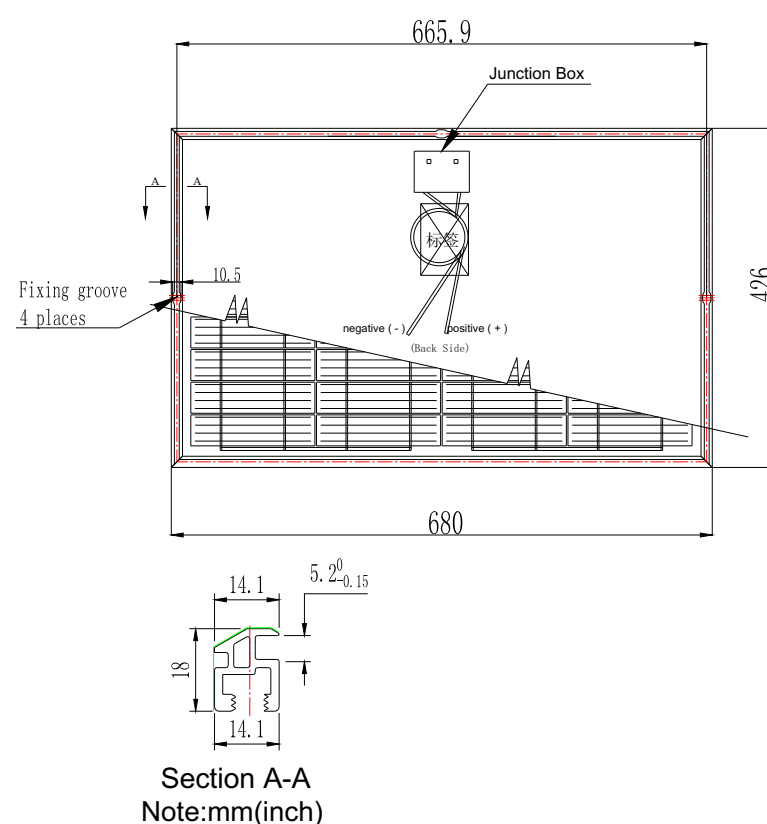
NOCT	45 ± 2°C
Temp. Coeff.of Isc(TK Isc)	0.065%/°C
Temp. Coeff.of Voc(TK Voc)	-0.32% /°C
Temp. Coeff.of Pmax(TK Pmax)	-0.45%/°C
Maximum wind loads	2400Pa
Maximum snow load	5400Pa
Maximum Hail diameter @ 23m/s	25mm

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

