

SOLAR MODULES

STP020-12/Cb

STP022-12/Cb

STP018-12/Cb



Specifications

Cell	Multicrystalline silicon solar cells 125mm×31.25mm
No. of cells and connections	36 (2×18)
Dimension of module(mm)	656×306×18
Weight	2.5kg

Characteristics

Model	STP022-12/Cb	STP020-12/Cb	STP018-12/Cb
Open circuit voltage (Voc)	21.6V	21.2V	21V
Optimum operating voltage(Vmp)	17.1V	16.8 V	16.6 V
Short circuit current(Isc)	1.41A	1.32A	1.24A
Optimum operating current(Imp)	1.29A	1.19A	1.08A
Maximum power at STC(Pm)	22Wp	20Wp	18Wp

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

Limits

Operating temperature	-40 to +85°C
Maximum system voltage	715V DC

Temperature and Coefficients

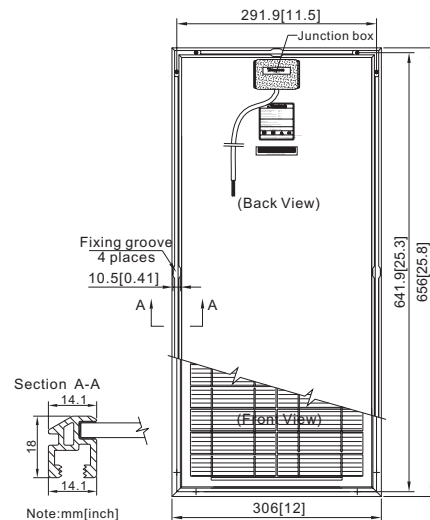
NOCT	48°C±2°C	
Current temperature coefficient	%/K	0.06 ± 0.01
Voltage temperature coefficient	mV/K	-(155 ± 10)
Power temperature coefficient	%/K	-(0.5 ± 0.05)

NOCT: Nominal Operation Cell Temperature

Output

Type of output terminal	Junction box
Cable	YUSHENG
Lengths	500mm

Blueprint of the module



Characteristics

