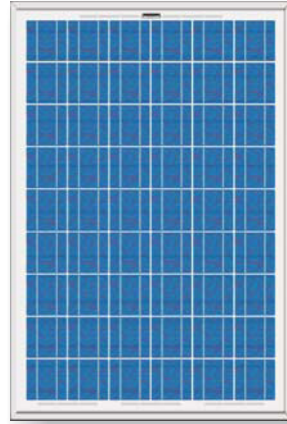


SOLAR MODULES

STP180-18/Uc

STP200-18/Uc
STP190-18/Uc
STP170-18/Uc
STP160-18/Uc



Specifications

Cell	Multicrystalline silicon solar cells 150mm×150mm
No. of cells and connections	54 (6×9)
Dimension of module(mm)	1482×992×35
Weight	16.8 kg

Characteristics

Model	STP200-18/Uc	STP190-18/Uc	STP180-18/Uc	STP170-18/Uc	STP160-18/Uc
Open circuit voltage (Voc)	33.2V	33V	32.8V	32.6V	32.4V
Optimum operating voltage(Vmp)	26.6 V	26.4 V	26.2 V	26 V	25.8 V
Short circuit current(Isc)	7.72A	7.62A	7.52A	7.39A	7.05A
Optimum operating current(Imp)	7.52A	7.2A	6.87A	6.54A	6.2A
Maximum power at STC(Pm)	200Wp	190Wp	180Wp	170Wp	160Wp

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

Limits

Operating temperature	-40 to +85°C
Maximum system voltage	1000 V DC

Temperature and Coefficients

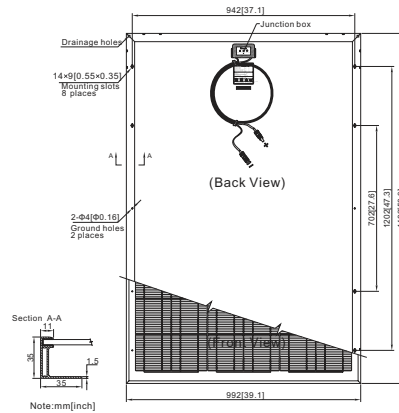
NOCT	48°C±2°C	
Current temperature coefficient	%/K	0.06 ± 0.01
Voltage temperature coefficient	mV/K	-(116 ± 10)
Power temperature coefficient	%/K	-(0.5 ± 0.05)

NOCT: Nominal Operation Cell Temperature

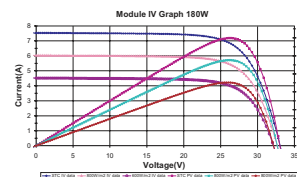
Output

Type of output terminal	Junction box
Cable	LAPP(4.0mm ²)
Asymmetrical lengths	1200mm(-) and 800mm(+)
Connection	Suntech Plug Type IV

Blueprint of the module



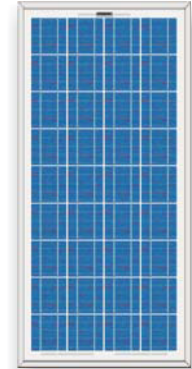
Characteristics



SOLAR MODULES

STP120-12/Tc

STP130-12/Tc
STP125-12/Tc
STP110-12/Tc
STP100-12/Tc



Specifications

Cell	Multicrystalline silicon solar cells 150mm×150mm
No. of cells and connections	36 (4×9)
Dimension of module(mm)	1482×676×35
Weight	12kg

Characteristics

Model	STP130-12/Tc	STP125-12/Tc	STP120-12/Tc	STP110-12/Tc	STP100-12/Tc
Open circuit voltage (Voc)	21.8V	21.8V	21.6V	21V	21V
Optimum operating voltage(Vmp)	17.2V	17.2V	17.2V	17V	16.8V
Short circuit current(Isc)	7.85A	7.8A	7.7A	7.48A	7.1A
Optimum operating current(Imp)	7.56A	7.27A	6.98A	6.47A	5.95A
Maximum power at STC(Pm)	130Wp	125Wp	120Wp	110Wp	100Wp

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

Limits

Operating temperature	-40 to +85°C
Maximum system voltage	1000 V DC

Temperature and Coefficients

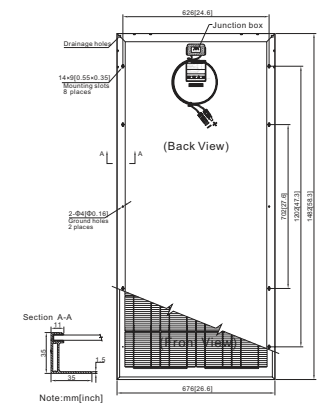
NOCT	48°C±2°C	
Current temperature coefficient	%/K	0.06 ± 0.01
Voltage temperature coefficient	mV/K	-(78 ± 10)
Power temperature coefficient	%/K	-(0.5 ± 0.05)

NOCT: Nominal Operation Cell Temperature

Output

Type of output terminal	Junction box
Cable	LAPP(4.0mm ²)
Lengths	750mm(-) and 750mm(+)
Connection	Suntech Plug Type IV

Blueprint of the module



Characteristics

