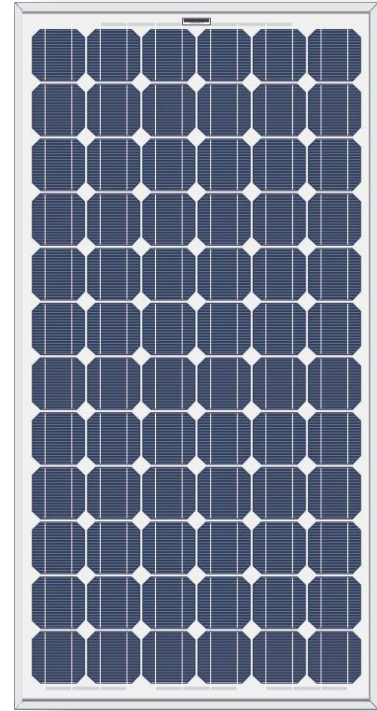


## SOLAR MODULES

# STP240S-24/Vb

STP230S-24/Vb

STP220S-24/Vb



### Specifications

Cell	Monocrystalline silicon solar cells 156mm×156mm
No. of cells and connections	72 (6×12)
Dimension of module(mm)	1956×992×50
Weight	23kg

### Characteristics

Model	STP240S-24/Vb	STP230S-24/Vb	STP220S-24/Vb
Open circuit voltage (Voc)	43.2V	42.4V	42.4V
Optimum operating voltage(Vmp)	34.4 V	34V	34 V
Short circuit current(Isc)	7.7A	7.6A	7.48A
Optimum operating current(Imp)	6.98A	6.76A	6.47A
Maximum power at STC(Pm)	240Wp	230Wp	220Wp

STC:Irradiance 1000W/m<sup>2</sup>,Module temperature 25°C,AM=1.5

### Limits

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

### Temperature and Coefficients

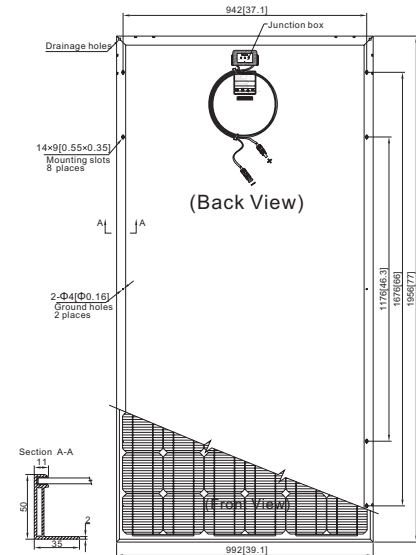
NOCT	48°C ± 2°C	
Current temperature coefficient	%/K	0.06 ± 0.01
Voltage temperature coefficient	mV/K	-(155 ± 10)
Power temperature coefficient	%/K	-(0.5 ± 0.05)

NOCT: Nominal Operation Cell Temperature

### Output

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

### Blueprint of the module



Note:mm[inch]

### Characteristics

