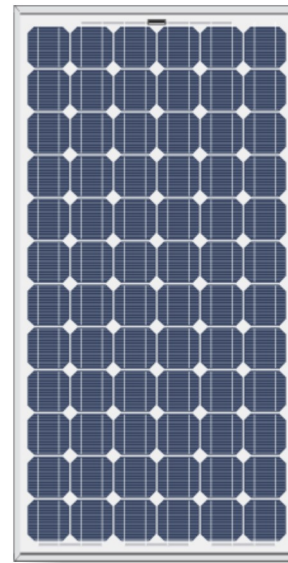


STP175S-24/Ab-1

STP180S-24/Ab-1
 STP170S-24/Ab-1
 STP160S-24/Ab-1
 STP150S-24/Ab-1



Specifications

Cell	Monocrystalline silicon solar cells 125mm×125mm
No. of cells and connections	72 (6×12)
Dimension of module(mm)	1580×808×35
Weight	15.5 kg

Characteristics

Model	STP180S-24/Ab-1	STP175S-24/Ab-1	STP170S-24/Ab-1	STP160S-24/Ab-1	STP150S-24/Ab-1
Open circuit voltage (Voc)	44.4V	44.2V	43.8V	43.2V	43.2V
Optimum operating voltage(Vmp)	35.6V	35.2 V	35.2 V	34.4V	34.4 V
Short circuit current(Isc)	5.4A	5.2A	5.14A	5A	4.87A
Optimum operating current(Imp)	5.05A	4.95A	4.83A	4.65A	4.36A
Maximum power at STC(Pm)	180Wp	175Wp	170Wp	160Wp	150Wp

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

Limits

Operating temperature	-40 to +85°C
Maximum system voltage	600VDC

Temperature and Coefficients

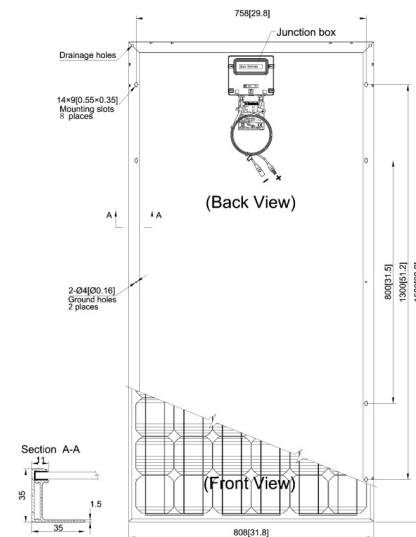
NOCT	48°C±2C	
Current temperature coefficient	%/K	0.06 ± 0.01
Voltage temperature coefficient	mV/K	-(155 ± 10)
Power temperature coefficient	%/K	-(0.5 ± 0.05)

NOCT: Nominal Operation Cell Temperature

Output

Type of output terminal	Junction box
Cable	A.I.W. (4.0mm ²)
Asymmetrical lengths	1200mm(-) and 800mm(+)
Connection	MC PV-KBT3II/PV-KST3II

Blueprint of the module



Note:mm[inch]

Characteristics

