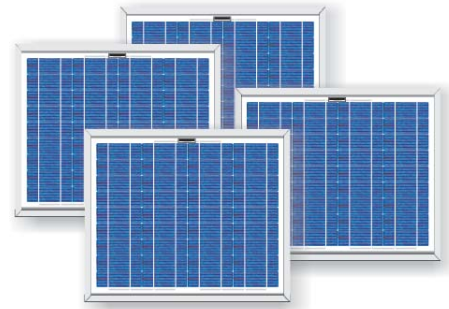


SOLAR MODULES

STP042-12/Rc

STP038-12/Rc

STP034-12/Rc



Specifications

Cell	Multicrystalline silicon solar cells 150mmx50mm
No. of cells and connections	36 (4x9)
Dimension of module(mm)	537x665x30
Weight	4.5kg

Characteristics

Model	STP042-12/Rc	STP038-12/Rc	STP034-12/Rc
Open circuit voltage (Voc)	21.6V	21.6V	21V
Optimum operating voltage(Vmp)	17.2V	17.2V	17V
Short circuit current(Isc)	2.59A	2.44A	2.31A
Optimum operating current(Imp)	2.44A	2.21A	2A
Maximum power at STC(Pm)	42Wp	38Wp	34Wp

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

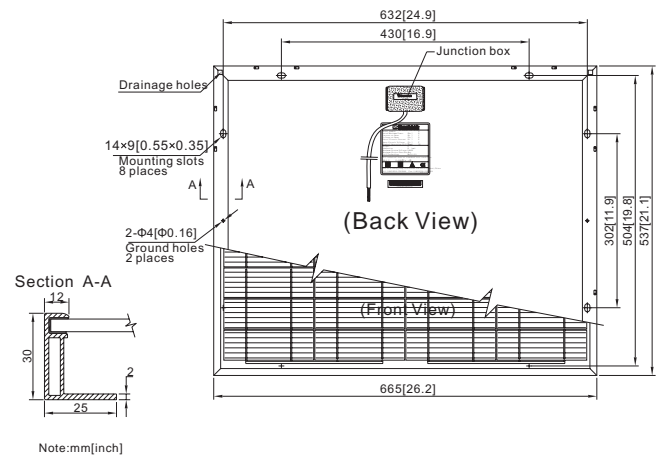
NOCT	48°C ± 2°C	
Current temperature coefficient	%/K	0.06 ± 0.01
Voltage temperature coefficient	mV/K	-(155 ± 10)
Power temperature coefficient	%/K	-(0.5 ± 0.05)

NOCT: Nominal Operation Cell Temperature

Output

Type of output terminal	Junction box
Cable	YN
Lengths	500mm

Blueprint of the module



Characteristics

