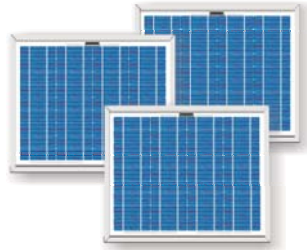


SOLAR MODULES

STP045-12/Rb

STP040-12/Rb
STP035-12/Rb



(800) 967-6917
www.dcpower-systems.com

Specifications

Cell	Multicrystalline silicon solar cells 156mm×52mm
No. of cells and connections	36 (4×9)
Dimension of module(mm)	537×665×30
Weight	4.5kg

Characteristics

Model	STP045-12/Rb	STP040-12/Rb	STP035-12/Rb
Open circuit voltage (Voc)	21.9V	21.6V	21V
Optimum operating voltage(Vmp)	17.6 V	17.2 V	17 V
Short circuit current(Isc)	2.7A	2.62A	2.38A
Optimum operating current(Imp)	2.56A	2.32A	2.06A
Maximum power at STC(Pm)	45Wp	40Wp	35Wp

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

Limits

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

Temperature and Coefficients

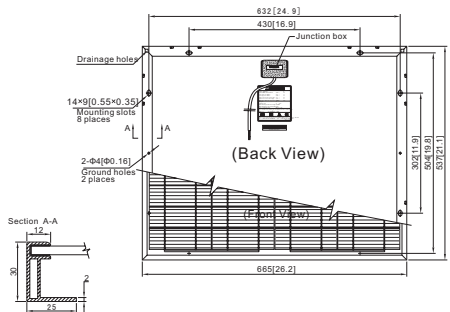
NOCT	48°C ± 2°C	
Current temperature coefficient	%/K	0.06 ± 0.01
Voltage temperature coefficient	mV/K	-(78 ± 10)
Power temperature coefficient	%/K	-(0.5 ± 0.05)

NOCT: Nominal Operation Cell Temperature

Output

Type of output terminal	Junction box
Cable	YUSHENG(18AWG×2C)
Lengths	3000mm

Blueprint of the module



Note:mm[inch]

Characteristics

