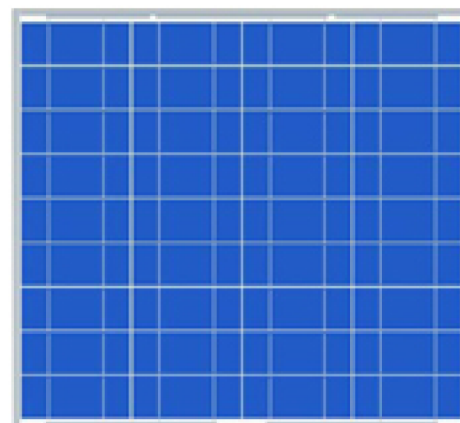


## SPECIFICATIONS

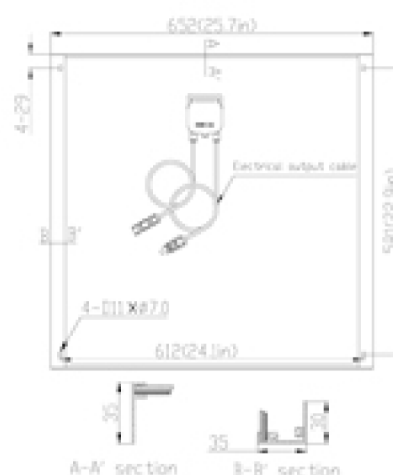
CELL	Multicrystalline silicon solar cell	156mmx65mm
No. of cells and connections	36(4x9)	
Dimension of module	652x639x35(mm)	25.7x25.2x1.38 (in )
Weight	6kg	13.21b

## Characteristics

Model	SPM055P
Power at STC(P <sub>m</sub> )	55W
Maximum power voltage(V <sub>pm</sub> )	18.2V
Maximum power current(I <sub>pm</sub> )	3.1A
Open circuit voltage(V <sub>oc</sub> )	22.1V
Short circuit current(I <sub>sc</sub> )	3.31A
Tolerance	± 5%



Back of the module



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

## Limits

Operating temperature	-40 to +85°C
Maximum system voltage	1000V DC
Series fuse rating	12A

## Components & Mechanical Data

Front Glass	3.2mm tempered
Junction Box	IP-65 rated
Frame	Anodized aluminum alloy type 6063-T5
Encapsulation Material	EVA(0.5±0.05mm thickness)
Back Foil	White TPT(0.32±0.03mm thickness)
Temperature Range	-40°C to +90°C
Max Load	5400Pa

## Temperature coefficient

Nominal Operation Cell Temperature	48°C±2°C
Current temperature coefficient	0.06±0.01 %/K
Voltage temperature coefficient	- (78±10) mv/k
Power temperature coefficient	- (0.5±0.05) %/k

