

# SOLARTECH POWER

## SPM030WP



### SPECIFICATIONS

CELL	Multicrystalline silicon solar cell	156mmx19.5mm
No. of cells and connections	68(4x17)	
Dimension of module	666x412x25(mm)	26.2x16.2x0.98(in)
Weight	3.5kg	7.71b

### Characteristics

Model	SPM030WP
Power at STC(Pm)	30W
Maximum power voltage(Vpm)	34.1V
Maximum power current(Ipm)	0.914A
Open circuit voltage(Voc)	41.2V
Short circuit current(Isc)	0.988A
Tolerance	±5%
Module efficiency	10.9%

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	10A

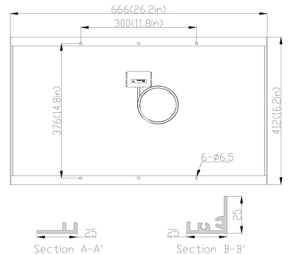
### Components & Mechanical Data

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

### Back of the module



### IV CURVES

