

SOLARTECH POWER

SPM060P/065P

SPECIFICATIONS

CELL	Multicrystalline silicon solar cell	156mmx78mm
No. of cells and connections	36(6x6)	
Dimension of module	987x540x35(mm)	38.9x21.3x1.38 (in)
Weight	6kg	13.21b

Characteristics

Model	SPM060P	SPM065P
Power at STC(Pm)	60W	65W
Maximum power voltage(Vpm)	17.3V	18.1V
Maximum power current(Ipm)	3.5A	3.69A
Open circuit voltage(Voc)	21.9V	22.0V
Short circuit current(Isc)	3.8A	3.9A
Tolerance	± 5%	± 5%
Module efficiency	11.25%	12.19%

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

Limits

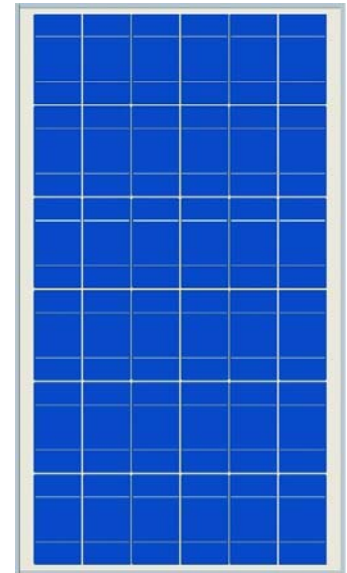
Operating temperature	-40 to +85°C
Maximum system voltage	1000V DC
Series fuse rating	12A

Components & Mechanical Data

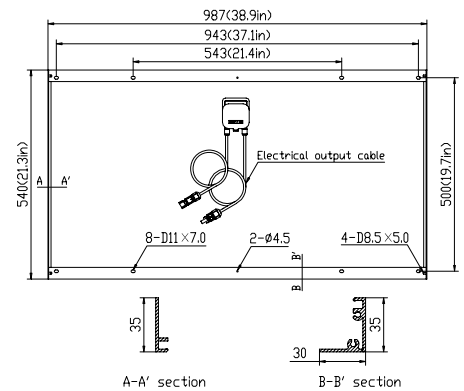
Front Glass	3.2mm tempered
Junction Box	IP-65 rated
Frame	Anodized aluminum alloy type 6063-T5
Encapsulation Material	EVA(0.5±0.05mm thickness)
Back Foil	White TPT(0.32±0.03mm thickness)
Temperature Range	-40°C to +90°C
Max Load	5400Pa

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



Back of the module



IV CURVES

