

SOLARTECH POWER

SPM060P/065P-W

SPECIFICATIONS

CELL	Multicrystalline silicon solar cell	156mmx39mm
No. of cells and connections	72(6x12)	
Dimension of module	987x540x35(mm)	38.9x21.3x1.38 (in)
Weight	6kg	13.21b

Characteristics

Model	SPM065P	SPM060P
Power at STC(P _m)	60W	65W
Maximum power voltage(V _{pm})	35.3V	36.3V
Maximum power current(I _{pm})	1.76A	1.85A
Open circuit voltage(V _{oc})	43.1V	43.8V
Short circuit current(I _{sc})	1.97A	1.99A
Tolerance	± 5%	± 5%
Module efficiency	11.25%	12.19%

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

Limits

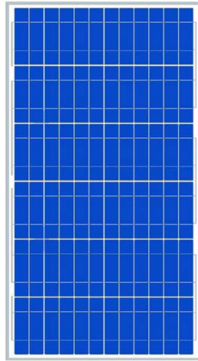
Operating temperature	-40 to +85°C
Maximum system voltage	1000V DC
Series fuse rating	12A

Components & Mechanical Data

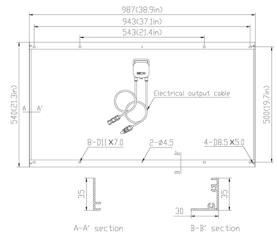
Front Glass	3.2mm tempered
Junction Box	IP-65 rated
Frame	Anodized aluminum alloy type 6063-T5
Encapsulation Material	EVA(0.5±0.05mm thickness)
Back Foil	White TPT(0.32±0.03mm thickness)
Temperature Range	-40°C to +90°C
Max Load	5400Pa

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

