

The Specification of 10 W Polycrystalline Solar Module

Model of solar module	SM-10
Maximum power at STC (P_{max})	10W
Tolerance	$\pm 3\%$
Kind of cell	Poly -crystalline
Optimum operating voltage (V_{mp})	17.6V
Optimum operating Current (I_{mp})	0.57A
Short circuit Current (I_{sc})	0.64A
Open circuit Voltage (V_{oc})	21.6V
Coeff of Volt per C	-0.38%
Coeff of Current per C	0.10%
Coeff of Power per C	-0.47%
Standard Test Conditions (STC)	AM1.5, 25 ⁰ C, 1000W/M ²
Max system Volt.	600V DC
Nominal voltage of Battery	12V
Junction box (manufacturer / protection degree / number of diodes)	Hardi / IP65
Fuse Rating	10A
Operating Temperature	-40C ⁰ ~ +85C ⁰
Surface Maximum Load Capacity	60m/s(200kg/sq.m)
Allowable Hail Load	225g steel ball fall down from 1m height
Length	390mm
Width	254mm
The height of frame	18 mm
Frame	Anodized aluminium
Weight	1.2 kg

