

Technical Specifications

	Polycrystalline Panels					Monocrystalline Panels	
Wattage Wp	40W	50W	100W	165W	335W	200W	545W
Voltage at max. Power, Vmax	17.00	18.00	18.00	18.20	38.12	20.4	42.02
Open circuit Voltage, Voc	21.00	21.00	22.00	22.20	45.15	24.3	50.14
current at max. Power, Imax	2.36	2.78	5.56	8.30	8.39	9.3	12.98
short circuit current, Isc	2.54	3.20	6.06	8.50	8.98	9.86	13.55
FF	0.75	0.74	0.75	0.80	0.75	0.80	0.80

Note: *STC(1000W/AM1.5/cell temperature 25°C)

Module Mechanical Details							
Module Length (mm) ± 2 mm	470	545	1010	1490	1963	1490	2279
Module width (mm) ± 2 mm	665	665	665	665	985	665	1133
Module efficiency (%)	13.99	13.80	14.89	15.14	16.55	16.35	22.07
Mounting hole Pitch X axis in mm ± 2 mm	637	637	637	630	945	630	990
Mounting hole Pitch Y axis in mm ± 2 mm	210	300	500	750	1175/1400	750	1400
Module weight (Aprox in kg)	3	4	7.75	10.6	22	10.6	28
Packing Type	5 in 1	5 in 1	5 in 1	4 in 1	1 in 1	4 in 1	1 in 1

Power Tolerance -0/+3%, Electrical Parameters Tolerance $\pm 5\%$