

<http://www.china-macro-solar.com>



## **Polycrystalline Silicon Large Solar Module**

### **Design Features :**

- Maximum power output: even in the dim light of the circumstances, 15% efficiency of **polycrystalline battery** cell can also output electric power;
- Best match between output of the battery and capability of the module;
- The energy is highly increased by anti-reflective film and high transparency glass.

### **Reliable structure:**

- Use 46mm-thickness of anticathode alumina framework;
- Toughened glass and backboard can protect solar panel from many kinds of damage and water penetrating;
- Inject silicone gel into the joint box;
- Use butyl gel, to prevent the water from penetrating in the solar panel.

### **Seamless system:**

- The framework has 4 -6 holes, it is easy for installing systems on any structures.
- MC connector and 1 m-long standard cable.
- 3 diodes in junction box and it reduced the rate of losing energy.

**Parameter table:**

Type	Max Power(W)	Dimension(mm)	weight(kg)	Max Current(A)	Max Voltage(V)	Short Circuit Current(A)	Open Circuit Voltage(V)
MSC43W/36	43	634*534*35	5.70	2.24	17.5	2.6	21.5
MSC40W/36	40	634*534*35	5.70	2.33	17.5	2.5	21.5
MSC37W/36	37	634*534*35	5.70	2.15	17.5	2.4	21.5
MSC22W/36	22	621*281*28	2.2	1.25	17.5	1.45	21.5
MSC20W/36	20	621*281*28	2.2	1.14	17.5	1.30	21.6
MSC44W/36Y	44	ç 700	4.5	2.50	17.5	4.70	21.5
MSC33W/36Y	33	ç 650	3.0	1.18	17.5	3.30	21.5
MSC21W/36Y	21	ç 500	2.5	1.20	17.5	1.45	21.5
MSC5W/36Y	5	ç 260	2.1	0.28	17.5	0.35	21.5
MSC4.6W/36Y	4.6	ç 240	2.0	0.26	17.5	0.33	21.5
MSC2.3W/18Y	2.3	ç 150	1.0	0.26	8.6	0.33	9.8
MSC3W/18	3.0	200*200	1.2	0.34	8.6	0.38	9.8
MSC2W/18	2.0	150*150	0.50	0.23	8.6	0.30	9.8
MSC1W/8	1.0	110*90	0.35	0.26	3.8	0.28	4.4