

SOLAR PANEL

- ▼ High Safety and Reliability.
- ▼ Cost Effective use.
- ▼ No noise, No pollution.
- ▼ Long Working Life.
- ▼ Minimum maintenance required over long operational life.
- ▼ Flexible Design.



MONOCRYSTALLINE SILICON								
Model	Max.Power (Pm)	Max.Power Voltage (Vmp)	Max.Power Current (Imp)	Open Circuit Voltage (Voc)	Short Circuit Current (ISC)	Dimension	Cells	Weight
ESP005-M	5W	9.0V	0.56A	11.2V	0.61A	288*165*15mm	18PCS	0.62Kg
ESP010-M	10W	17.9V	0.57A	22.4V	0.61A	288*350*18mm	36PCS	1.17Kg
ESP025-M	25W	18.7V	1.34A	22.7V	1.42A	450*414*25mm	36PCS	2.18Kg
ESP030-M	30W	18.0V	1.67A	22.3V	1.84A	450*541*25mm	36PCS	2.9Kg
ESP045-M	45W	18.0V	2.50A	22.4V	2.75A	630*541*30mm	36PCS	4.1Kg
ESP050-M	50W	18.8V	2.66A	22.6V	2.90A	630*541*30mm	36PCS	4.1Kg
ESP050-M	50W	18.7V	2.67A	22.6V	2.90A	670*540*30mm	36PCS	4.3Kg
ESP060-M	60W	17.8V	3.37A	22.3V	3.68A	850*541*30mm	36PCS	6.1Kg
ESP065-M	65W	18.4V	3.53A	22.5V	3.82A	850*541*30mm	36PCS	6.1Kg
ESP075-M	75W	18.7V	4.01A	22.6V	4.35A	770*670*35mm	36PCS	6.1Kg
ESP090-M	90W	17.8V	5.05A	22.4V	5.49A	1195*541*35mm	36PCS	7.6Kg
ESP095-M	95W	18.0V	5.23A	22.5V	5.60A	1195*541*35mm	36PCS	7.6Kg
ESP100-M	100W	18.3V	5.46A	22.6V	5.76A	1195*541*35mm	36PCS	7.6Kg
ESP100-M	100W	18.7V	5.34A	22.6V	5.79A	1015*670*35mm	36PCS	8.0Kg
ESP100-M	100W	37.3V	2.68A	45.0V	2.92A	1015*670*35mm	72PCS	8.0Kg
ESP140-M	140W	18.2V	7.69A	22.3V	8.31A	1482*670*35mm	36PCS	11.7Kg
ESP145-M	145W	18.4V	7.88A	22.4V	8.54A	1482*670*35mm	36PCS	11.7Kg
ESP150-M	150W	18.7V	8.02A	22.6V	8.69A	1482*670*35mm	36PCS	11.7Kg
ESP180-M	180W	35.7V	5.04A	44.6V	5.50A	1580*808*35mm	72PCS	15.0Kg
ESP185-M	185W	35.9V	5.15A	44.7V	5.54A	1580*808*35mm	72PCS	15.0Kg
ESP190-M	190W	36.3V	5.23A	44.8V	5.63A	1580*808*35mm	72PCS	15.0Kg
ESP195-M	195W	36.6V	5.33A	45.0V	5.70A	1580*808*35mm	72PCS	15.0Kg
ESP200-M	200W	37.0V	5.41A	45.2V	5.78A	1580*808*35mm	72PCS	15.0Kg
ESP210-M	210W	27.5V	7.64A	33.5V	8.35A	1482*990*40mm	54PCS	17.9Kg
ESP220-M	220W	27.9V	7.88A	33.8V	8.57A	1482*990*40mm	54PCS	17.9Kg
ESP225-M	225W	28.1V	8.00A	33.9V	8.69A	1482*990*40mm	54PCS	17.9Kg
ESP230-M	230W	28.3V	8.12A	34.1V	8.79A	1482*990*40mm	54PCS	17.9Kg
ESP235-M	235W	30.6V	7.68A	37.3V	8.39A	1640*990*40mm	60PCS	19.8Kg
ESP240-M	240W	30.8V	7.79A	37.4V	8.49A	1640*990*40mm	60PCS	19.8Kg
ESP245-M	245W	31.0V	7.90A	37.6V	8.53A	1640*990*40mm	60PCS	19.8Kg
ESP250-M	250W	31.3V	7.99A	37.7V	8.68A	1640*990*40mm	60PCS	19.8Kg
ESP255-M	255W	31.4V	8.12A	37.9V	8.78A	1640*990*40mm	60PCS	19.8Kg
ESP280-M	280W	36.7V	7.63A	44.7V	8.36A	1956*992*50mm	72PCS	23.0Kg
ESP285-M	285W	36.9V	7.72A	44.8V	8.45A	1956*992*50mm	72PCS	23.0Kg
ESP290-M	290W	37.1V	7.82A	45.0V	8.51A	1956*992*50mm	72PCS	23.0Kg
ESP295-M	295W	37.3V	7.91A	45.1V	8.60A	1956*992*50mm	72PCS	23.0Kg
ESP300-M	300W	37.5V	8.00A	45.2V	8.69A	1956*992*50mm	72PCS	23.0Kg
ESP305-M	305W	37.6V	8.11A	45.3V	8.76A	1956*992*50mm	72PCS	23.0Kg

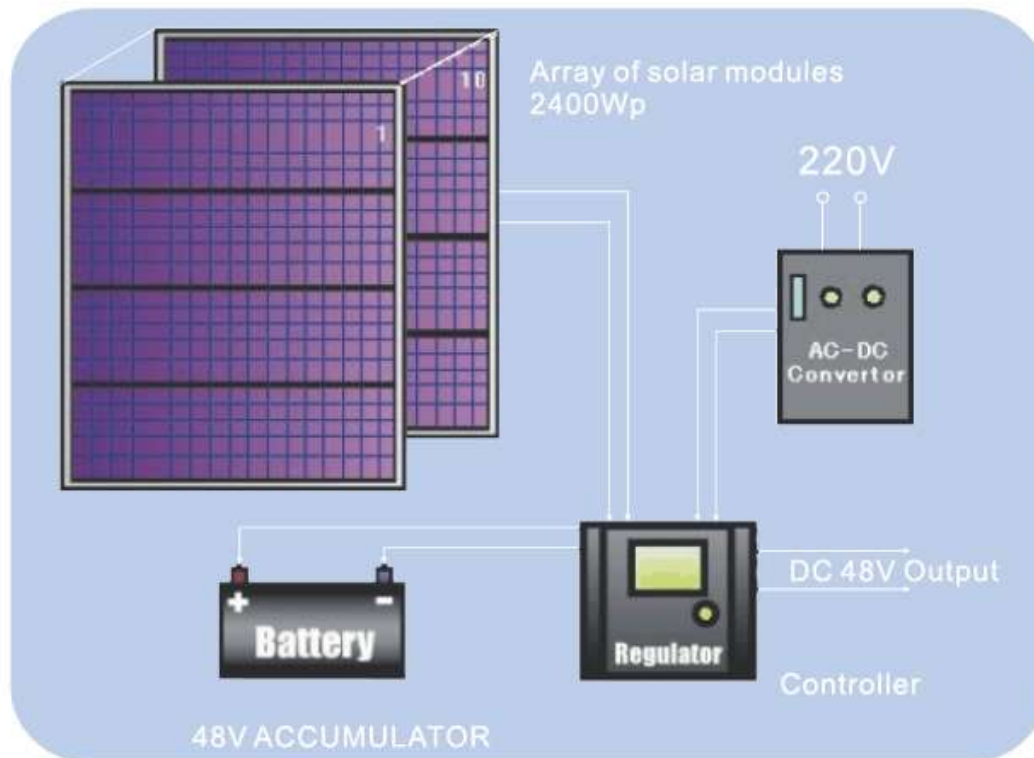


POLYCRYSTALLINE SILICON SOLAR PANEL								
Model	Max.Power (Pm)	Max.Power Voltage (Vmp)	Max.Power Current (Imp)	Open Circuit Voltage (Voc)	Short Circuit Current (ISC)	Dimension	Cells	Weight
ESP005-P	5W	17.2V	0.29A	21.6V	0.31A	190*290*15mm	36PCS	0.7Kg
ESP010-P	10W	17.3V	0.58A	21.7V	0.61A	350*290*18mm	36PCS	1.17Kg
ESP015-P	15W	17.6V	0.85A	21.7V	0.91A	350*400*18mm	36PCS	1.56Kg
ESP020-P	20W	17.7V	1.13A	21.7V	1.21A	350*490*25mm	36PCS	2.02Kg
ESP025-P	25W	17.8V	1.40A	21.8V	1.51A	350*590*25mm	36PCS	2.39Kg
ESP030-P	30W	18.0V	1.67A	22.0V	1.78A	475*512*25mm	36PCS	2.74Kg
ESP035-P	35W	18.2V	1.92A	22.1V	2.07A	426*670*25mm	36PCS	3.2Kg
ESP040-P	40W	18.2V	2.20A	22.3V	2.34A	465*670*30mm	36PCS	3.77Kg
ESP045-P	45W	17.7V	2.54A	21.8V	2.73A	537*670*30mm	36PCS	4.2Kg
ESP050-P	50W	17.8V	2.81A	21.9V	3.02A	570*670*30mm	36PCS	4.5Kg
ESP055-P	55W	17.2V	3.20A	21.6V	3.48A	650*670*30mm	36PCS	5.3Kg
ESP060-P	60W	18.2V	3.30A	22.0V	3.57A	650*670*30mm	36PCS	5.3Kg
ESP065-P	65W	17.2V	3.78A	21.7V	4.07A	771*670*30mm	36PCS	6.1Kg
ESP070-P	70W	17.9V	3.91A	21.8V	4.28A	771*670*30mm	36PCS	6.1Kg
ESP075-P	75W	17.0V	4.41A	21.5V	4.75A	890*670*30mm	36PCS	7.1Kg
ESP080-P	80W	17.7V	4.52A	21.7V	4.95A	890*670*30mm	36PCS	7.1Kg
ESP085-P	85W	17.0V	5.00A	21.4V	5.43A	1005*670*35mm	36PCS	7.91Kg
ESP090-P	90W	17.5V	5.14A	21.7V	5.58A	1005*670*35mm	36PCS	7.91Kg
ESP095-P	95W	18.0V	5.16A	21.9V	5.75A	1005*670*35mm	36PCS	7.91Kg
ESP100-P	100W	17.3V	5.78A	21.5V	6.30A	1150*670*35mm	36PCS	9.1Kg
ESP105-P	105W	17.7V	5.93A	21.7V	6.45A	1150*670*35mm	36PCS	9.1Kg
ESP110-P	110W	17.5V	6.29A	21.6V	6.72A	1240*670*35mm	36PCS	9.8Kg
ESP115-P	115W	17.8V	6.46A	21.8V	6.90A	1240*670*35mm	36PCS	9.8Kg
ESP120-P	120W	17.3V	6.94A	21.5V	7.48A	1370*670*35mm	36PCS	10.8Kg
ESP125-P	125W	17.6V	7.10A	21.7V	7.60A	1370*670*35mm	36PCS	10.8Kg
ESP130-P	130W	18.0V	7.22A	21.9V	7.75A	1370*670*35mm	36PCS	10.8Kg
ESP130-P	130W	17.3V	7.51A	21.5V	8.10A	1482*670*35mm	36PCS	11.7Kg
ESP135-P	135W	17.6V	7.67A	21.8V	8.18A	1482*670*35mm	36PCS	11.7Kg
ESP140-P	140W	17.9V	7.82A	22.0V	8.31A	1482*670*35mm	36PCS	11.7Kg
ESP200-P	200W	26.3V	7.60A	32.5V	8.11A	1482*990*40mm	54PCS	17.9Kg
ESP205-P	205W	26.5V	7.74A	32.8V	8.18A	1482*990*40mm	54PCS	17.9Kg
ESP210-P	210W	26.8V	7.84A	33.0V	8.30A	1482*990*40mm	54PCS	17.9Kg
ESP220-P	220W	28.9V	7.61A	35.9V	8.15A	1640*990*40mm	60PCS	19.8Kg
ESP225-P	225W	29.1V	7.73A	36.1V	8.23A	1640*990*40mm	60PCS	19.8Kg
ESP230-P	230W	29.3V	7.85A	36.3V	8.32A	1640*990*40mm	60PCS	19.8Kg
ESP235-P	235W	29.7V	7.91A	36.5V	8.41A	1640*990*40mm	60PCS	19.8Kg
ESP240-P	240W	30.1V	7.97A	36.7V	8.50A	1640*990*40mm	60PCS	19.8Kg
ESP260-P	260W	34.7V	7.49A	43.0V	8.11A	1956*992*50mm	72PCS	23.0Kg
ESP270-P	270W	35.2V	7.67A	43.6V	8.20A	1956*992*50mm	72PCS	23.0Kg
ESP280-P	280W	35.8V	7.82A	44.0V	8.32A	1956*992*50mm	72PCS	23.0Kg
ESP290-P	290W	36.5V	7.95A	44.5V	8.45A	1956*992*50mm	72PCS	23.0Kg



SOLAR SYSTEM				
TYPE	ET-200	ET-500	ET-1K	ET-2K
Rated Output Power	>200Wp	>500Wp	>1000Wp	>2000Wp
Rated Working Voltage	48VDC	48VDC	48VDC	48VDC
Rated Working Current	4.1A	10.4A	21A	42A
Working time without Sunshine	72H	72H	72H	72H
Controller	10A/48V	20A/48V	50A/48V	60A/48V
48V Accumulator	0.375VAH	0.75VAH	1.5VAH	3.0VAH
The square of solar panels	5-12M ²	12.5-25M ²	25-50M ²	50-120M ²
Max.Solar Power	600Wp	1500Wp	3000Wp	6000Wp
Max.Solar current	12.5A	31.25A	62.50A	125A
Wind resistance level	12	12	12	12
Ambient Temperature	-40°C--+70°C	-40°C--+70°C	-40°C--+70°C	-40°C--+70°C
Ambient Humidity	10%-90%	10%-90%	10%-90%	10%-90%

※ The working time without sunshine can be adjusted by increasing or decreasing the capacity of the accumulators



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