

# **REKOSER**

## **SOLAR PANELS**

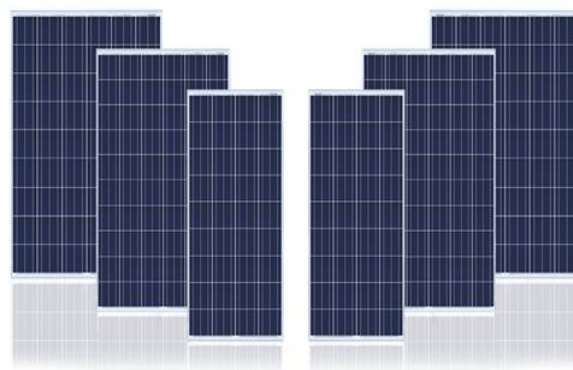
**CATALOG 2019**

## Polycrystalline Solar Panels

RSP-P series offer solar photovoltaic panels from polycrystalline cells.

### Features:

- Power Tolerance (0-3%) to ensure the high reliability of power output.
- Modules certified by TUV to withstand high level of wind loads (2400Pa) and snow loads (5400pa).
- Special PV module insurances by world leading insurance company guarantee the benefit of PV investors and PV module users.
- Junction box and bypass diodes guarantee the modules free of overheating and "hot spot effect".



### Warranty:

10 Years Manufacturing warranty.

12 years warranty 90% power output.

25 years warranty 80% power output.

We offer bespoke panel design and manufacturing service: any size, voltage, requirements can be meet.

### Applications:

- Home and office appliances
- Solar energy

## SPECIFICATIONS

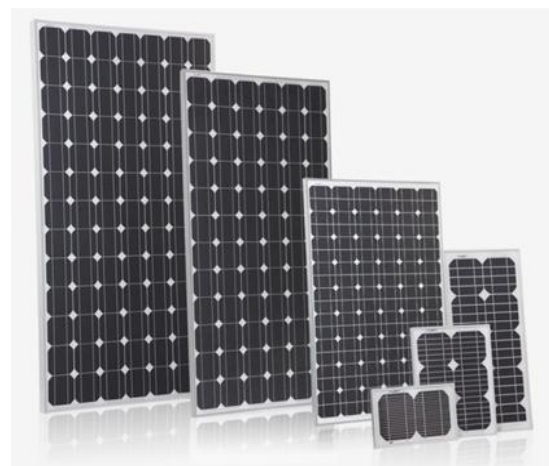
Model	Maximum power(Wp)	Open Circuit Voltage (Voc)	Short Circuit Current(Isc)	Maximum Voltage (Vmp)	Maximum Power Current(Imp)	Size LxMxH (mm)	Number of cells	Array
RPS5P	5	21.6	0.48	18.0	0.28	270x195x25	36	4x9
RPS10P	10	21.6	0.66	18.0	0.56	345x250x25	36	4x9
RPS20P	20	21.6	1.21	18.0	1.11	345x500x25	36	2x18
RPS30P	30	21.6	1.87	18.0	1.67	510x450x25	36	3x12
RPS40P	40	21.6	2.42	18.0	2.22	450x670x30	36	4x9
RPS50P	50	21.6	2.98	18.0	2.78	541x670x30	36	4x9
RPS60P	60	21.6	3.53	18.0	3.33	670x640x30	36	4x9
RPS70P	70	21.6	04.09	18.0	3.89	765x670x30	36	4x9
RPS80P	80	21.6	4.64	18.0	4.44	915x670x30	36	4x9
RPS90P	90	21.6	5.20	18.0	5.00	915x670x30	36	4x9
RPS100P	100	21.6	5.76	18.0	5.56	1020x670x30	36	4x9
RPS110P	110	21.6	6.31	18.0	6.11	1130x670x30	36	4x9
RPS120P	120	21.6	6.87	18.0	6.67	1200x670x30	36	4x9
RPS130P	130	21.6	6.87	18.0	7.22	1480x670x35	36	4x9
RPS140P	140	21.6	7.96	18.0	7.76	1480x670x35	36	4x9
RPS150P	150	21.6	8.53	18.0	8.33	1480x670x35	36	4x9
RPS160P	160	28.8	7.27	24.0	6.67	1320x990x40	48	6x8
RPS170P	170	28.8	7.68	24.0	7.08	1320x990x40	48	6x8
RPS180P	180	28.8	8.10	24.0	7.50	1320x990x40	48	6x8
RPS190P	190	28.8	8.52	24.0	7.92	1320x990x40	48	6x8
RPS200P	200	28.8	8.86	24.2	8.26	1320x990x40	48	6x8
RPS210P	210	32.4	8.38	27.0	7.78	1480x990x40	54	6x9
RPS220P	220	32.4	8.75	27.0	8.15	1480x990x40	54	6x9
RPS230P	230	32.4	9.12	27.0	8.52	1480x990x40	54	6x9
RPS240P	240	36.0	8.60	30.0	8.00	1650x990x40	60	6x10
RPS250P	250	36.0	8.93	30.0	8.33	1650x990x40	60	6x10
RPS260P	260	43.2	7.92	36.0	7.22	1950x990x40	72	6x12
RPS270P	270	43.2	8.20	36.0	7.50	1950x990x40	72	6x12
RPS280P	280	43.2	8.48	36.0	7.78	1950x990x40	72	6x12
RPS290P	290	43.2	8.76	36.0	8.06	1950x990x40	72	6x12
RPS300P	300	43.2	9.13	36.0	8.33	1950x990x40	72	6x12
RPS310P	310	45.4	8.99	35.8	8.68	1950x990x40	72	6x12
RPS320P	320	46.6	9.10	35.8	8.92	1950x990x40	72	6x12
RPS360P	360	43.8	11	36.5	9.8	1950x990x40	72	6x12

## Monocrystalline Solar Panels

RSP-M series offer solar photovoltaic panels from monocrystalline cells.

### Features:

- Power Tolerance (0-3%) to ensure the high reliability of power output.
- Modules certified by TUV to withstand high level of wind loads (2400Pa) and snow loads (5400pa)
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- Solar energy

## SPECIFICATIONS

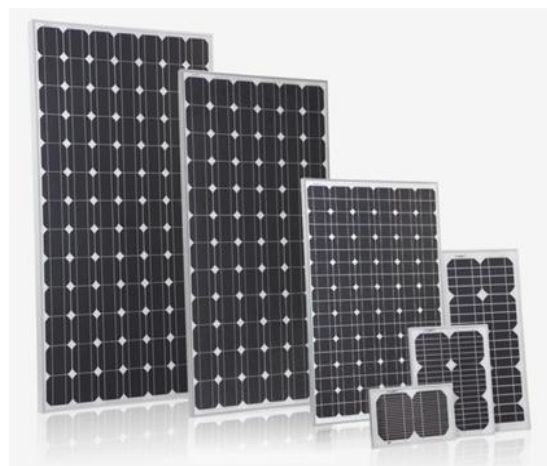
Model	Maximum power(Wp)	Open Circuit Voltage (Voc)	Short Circuit Current(Isc)	Maximum Voltage (Vmp)	Maximum Power Current(Imp)	Size LxMxH (mm)	Number of cells	Array
RPS30M	30	21.6	1.77	18.0	1.67	541x430x25	36	4x9
RPS40M	40	21.6	2.32	18.0	2.22	541x510x25	36	4x9
RPS50M	50	21.6	2.98	18.0	2.78	670x530x30	36	4x9
RPS60M	60	21.6	3.52	18.0	3.33	780x541x30	36	4x9
RPS70M	70	21.6	4.09	18.0	3.89	770x670x30	36	4x9
RPS80M	80	21.6	4.64	18.0	4.44	910x670x30	36	4x9
RPS90M	90	21.6	5.20	18.0	5.00	1195x541x30	36	4x9
RPS100M	100	21.6	5.76	18.0	5.56	1195x541x30	36	4x9
RPS110M	110	21.6	6.31	18.0	6.11	1120x670x30	36	4x9
RPS120M	120	21.6	6.87	18.0	6.67	1195x670x30	36	4x9
RPS130M	130	21.6	7.42	18.0	7.22	1280x670x30	36	4x9
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RPS180M	180	28.8	8.10	24.0	7.50	1580x808x35	72	6x12
RPS190M	190	28.8	8.52	24.0	7.92	1580x808x35	72	6x12
RPS200M	200	28.8	8.93	24.0	8.33	1580x808x35	72	6x12
RPS210M	210	32.4	8.38	27.0	7.78	1320x990x35	48	8x6
RPS220M	220	32.4	8.75	27.0	8.15	1480x990x35	54	9x6
RPS230M	230	32.4	9.12	27.0	8.52	1480x990x35	54	9x6
RPS240M	240	36.0	8.60	30.0	8.00	1650x990x40	60	6x10
RPS250M	250	36.0	8.98	30.2	8.28	1650x990x40	60	6x10
RPS260M	260	43.2	7.92	36.0	7.22	1950x990x40	72	6x12
RPS270M	270	43.2	8.20	36.0	7.50	1950x990x40	72	6x12
RPS280M	280	43.2	8.48	36.0	7.78	1950x990x40	72	6x12
RPS290M	290	43.2	8.76	36.0	8.06	1950x990x40	72	6x12
RPS300M	300	43.2	9.13	36.0	8.33	1950x990x40	72	6x12
RPS310M	310	45.4	8.99	35.8	8.68	1950x990x40	72	6x12
RPS320M	320	46.6	9.10	35.8	8.92	1950x990x40	72	6x12
RPS360M	360	43.8	11	36.5	9.9	1950x990x40	72	6x12

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### SPECIFICATIONS

Model	Maximum power(Wp)	Open Circuit Voltage (Voc)	Short Circuit Current(Isc)	Maximum Voltage (Vmp)	Maximum Power Current(Imp)	Size LxMxH (mm)	Number of cells	Array
RPS350M	350	40.5	11.02	33.3	10.52	1776x1052x35	120	6x20
RPS355M	355	40.7	11.10	33.5	10.60	1776x1052x35	120	6x20
RPS360M	360	40.9	11.20	33.7	10.69	1776x1052x35	120	6x20
RPS365M	365	41.1	11.28	33.9	10.77	1776x1052x35	120	6x20
RPS370M	370	41.3	11.37	34.1	10.86	1776x1052x35	120	6x20
RPS425M	425	48.3	11.23	40.5	10.50	2094x1038x35	144	6x24
RPS430M	430	48.5	11.31	40.7	10.57	2094x1038x35	144	6x24
RPS435M	435	48.7	11.39	40.9	10.64	2094x1038x35	144	6x24
RPS440M	440	48.9	11.46	41.1	10.71	2094x1038x35	144	6x24
RPS445M	445	49.1	11.53	41.3	10.78	2094x1038x35	144	6x24
RPS450M	450	49.3	11.60	41.5	10.85	2094x1038x35	144	6x24
RPS485M	485	48.34	12.99	40.08	12.10	2094x1134x35	135	6x22
RPS490M	490	48.51	13.06	40.26	12.17	2094x1134x35	135	6x22
RPS495M	495	48.67	13.13	40.44	12.24	2094x1134x35	135	6x22
RPS500M	500	48.83	13.20	40.62	12.31	2094x1134x35	135	6x22
RPS505M	505	48.98	13.27	40.79	12.38	2094x1134x35	135	6x22
RPS535M	535	49.60	13.69	41.40	12.93	2279x1134x35	144	6x24
RPS540M	540	49.80	13.75	41.60	12.99	2279x1134x35	144	6x24
RPS545M	545	50.00	13.81	41.80	13.04	2279x1134x35	144	6x24
RPS550M	550	50.02	13.87	42.00	13.10	2279x1134x35	144	6x24
RPS555M	555	50.40	13.93	42.20	13.16	2279x1134x35	144	6x24
RPS560M	560	50.60	13.99	42.40	13.21	2279x1134x35	144	6x24

## Flexible Solar Panels

RSP-F series offer flexible solar photovoltaic panels.



### Features:

- From SunPower Back contact cells( efficiency above 20% -22%).
- Module efficiency 30% higher than conventional solar panel.
- Super lightweight: 3mm thin
- Adopting transparent PVDF material on surface and high quality TPT back plate, Salt Corrosion and UV resistance, withstands hail, storm and other harsh weather.
- Waterproof Connection box.
- White and Black color available.
- Pre drilled eyelets in the corner with Stainless grommets, easy installation.
- Bend rate from 10-90 degree.

### Warranty:

10 Years Manufacturing warranty.

12 years warranty 90% power output.

25 years warranty 80% power output.

We offer bespoke panel design and manufacturing service: any size, voltage, requirements can be meet.

### Applications:

- Widely applied to RV
- Golf car
- Electric car
- Yacht
- Boat
- Marine
- Tent or backpack

### SPECIFICATIONS

Model	PM/W	VOC/V	ISC/A	VMP/V	IMP/A	C-EFF	N/W (kg)	Size LxMxH(mm)
RPS18F	18	23.7	1.0	19.4	0.9	20.50%	0.3	434x227x3
RPS25F	25	21.6	1.5	18.0	1.4	20.00%	0.6	560x277x3
RPS30F	30	21.2	1.8	17.6	1.7	19.60%	0.5	535x378x3
RPS50F	50	21.2	3.1	17.6	2.8	21.50%	0.7	545x535x3
RPS60F	60	21.0	3.8	17.5	3.4	19.60%	0.9	725x535x3
RPS60F	60	42.3	1.9	35.2	1.7	19.60%	0.9	725x535x3
RPS90F	90	18.5	6.3	15.2	5.9	20.60%	1.2	920x540x3
RPS100F	100	21.6	6.0	17.8	5.6	19.90%	1.4	1050x540x3
RPS110F	110	23.7	5.9	19.8	5.6	20.00%	1.5	1175x540x3
RPS120F	120	26.4	5.9	22.0	5.5	20.00%	1.8	1305x540x3
RPS130F	130	29.4	5.8	24.4	5.3	19.50%	2.0	1435x540x3
RPS135F	135	29.5	5.8	24.9	5.5	20.00%	2.0	1435x540x3
RPS150F	150	32.0	5.9	27.4	5.5	20.00%	2.5	1300x660x3
RPS180F	180	40.0	6.0	33.0	5.5	19.00%	3.0	1300x800x3
RPS200F	200	42.0	6.3	35.0	5.7	19.00%	3.5	1435x800x3
RPS220F	220	48.3	5.9	39.8	5.5	19.50%	4.5	1560x800x3
RPS250F	250	54.0	6.1	45.0	5.6	20.00%	5.0	1810x800x3
RPS300F	300	66.0	6.5	55.0	5.5	19.00%	6.5	1810x920x3