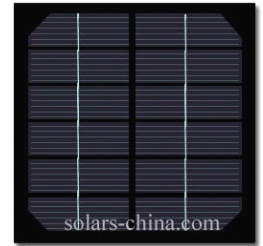
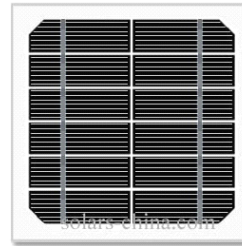
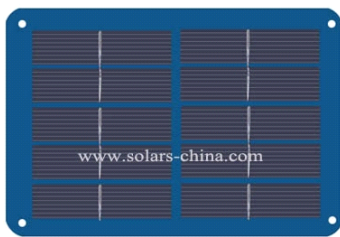
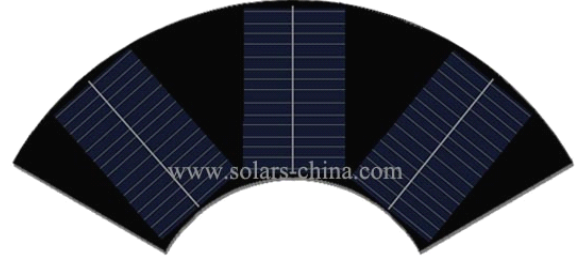
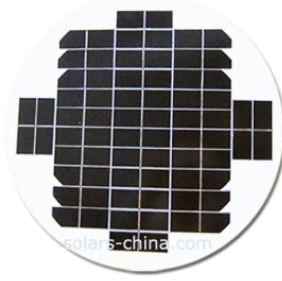
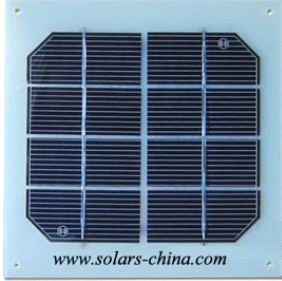




MINI SOLAR ELECTRIC PANEL CATALOG



PROFESSIONAL SOLAR PANEL MANUFACTURER

CHINA SOLAR LTD is a world-leading supplier of environmental solar electric energy solutions. Can manufacture any of customized small solar panels are from 0.01W to 100W which made from mini solar panel. All sizes, current and voltage customized by clients are available.

CHINA SOLAR LTD provides OEM service to our global customers, which will greatly save your time and cost. With a professional Research & Develop team, we can provide suitable products according your requirements.

These OEM Solar Panels from **CHINA SOLAR LTD** (<http://www.solars-china.com>) are designed and manufactured to industry standards, producing conversion efficiencies of be equal or greater than 18%, and are built using the latest encapsulation technologies available in commercial solar module construction.

Office Address:

*N0.401,ZhongKang Pioneer Park,ZhongKang Road,
Futian District, ShenZhen City,Guangdong Province,China*

Factory Address:

*Longxi Hi-tech Industrial Park, Longcheng Road, Longgang
Town, ShenZhen City,Guangdong Province,China*



CHINA SOLAR LTD

<http://www.solars-china.com>

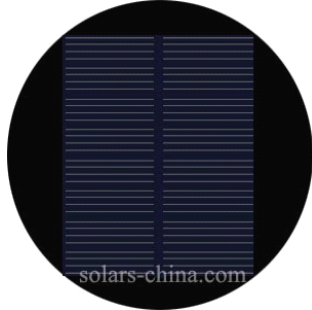
<http://www.solars-china.net>

Tel: +86.755.8351 5659

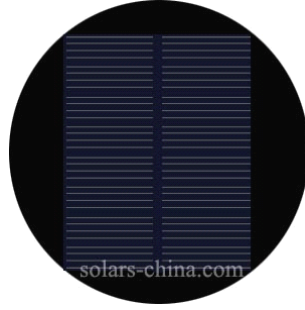
Fax: +86.755.8271 6024

E-mail: market@solars-china.com

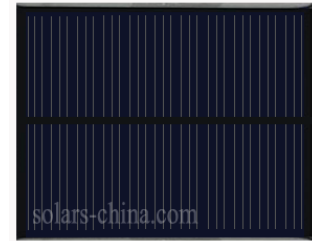
PET SOLAR PANEL -- MINI SOLAR PANEL



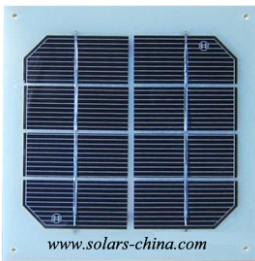
Item No. KS-Q130PB
1.2W- 6V/200mA
Diameter:130mm
PET Solar Panel (Black)



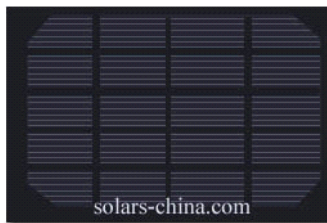
Item No: KS-Q160PB
1.9W--6V/315mA
Diameter:160mm
PET Solar Panel(Black)



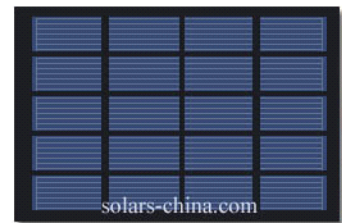
Item No. KS-M10080
0.8W--6V/135mA
Dimension: 100×80×2.8mm
PET Solar Panel



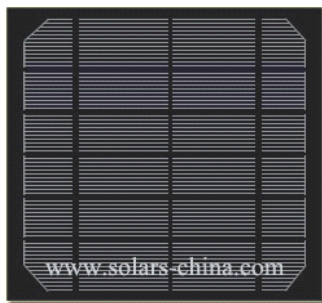
Item No: KS-M127127
1.5W-2V/750mA
Dimension:190×135×2.8mm
PET Solar Panel(White)



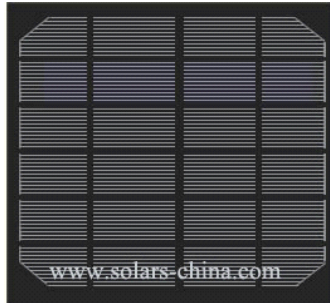
Item No: KS-M190135P
2.8W-5V/560mA
Dimension:190×135×2.8mm
PET Solar Panel



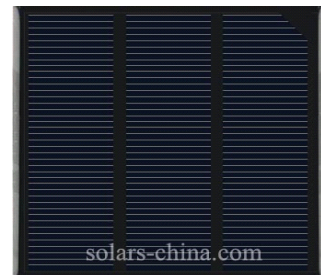
Item No: KS-P190135P
2.8W-5V/560mA
Dimension:190×135×2.8mm
PET Solar Panel



Item No. KS-M165165
3.6W--6V/600mA
Dimension:165×165×2.8mm
PET Solar Panel (Black)



Item No: KSM175175P
3.8W-- 6V/633mA
Dimension:175×175×2.8mm
PET Solar Panel(Black)

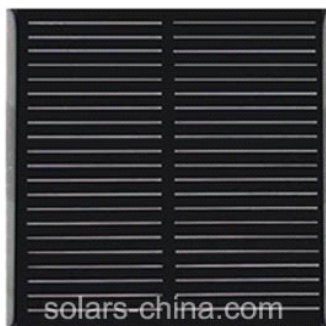


Item No. KS-M120120
1.5W -- 5V/300mA
Dimension:120×120×2.8mm
PET Solar Panel (Black)

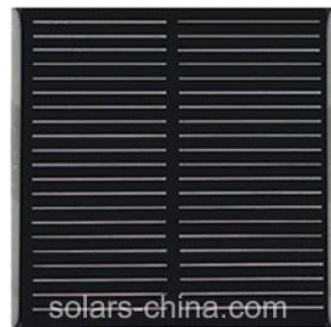
ENCAPSULATED WITH EPOXY RESIN - MINI SOLAR PANEL



Item No. KS-M4040
4V/42mA
Dimension: 40×40×3mm
Epoxy Resin Solar Panel



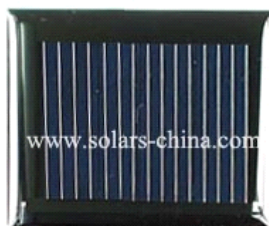
Item No: KS-M5050
0.32W--4V/80mA
Dimension: 50×50×3mm
Epoxy Resin Solar Panel



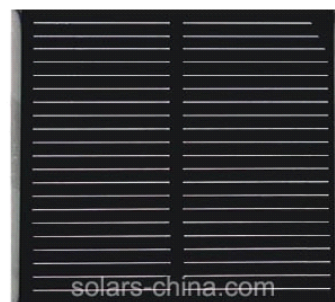
Item No. KS-M5555
0.4w--5V/80mA
Dimension: 55×55×3mm
Epoxy Resin Solar Panel



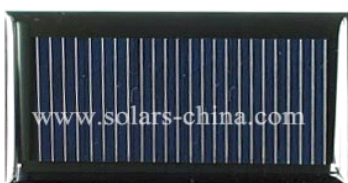
Item No. KS-M6060
0.4W--4V/100mA
Dimension: 60×60×3mm
Epoxy Resin Solar Panel



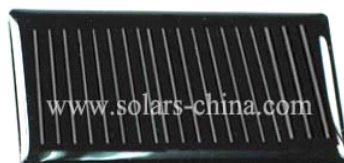
Item No. KS-M4833
4V/28mA
Dimension: 48×33×3mm
Epoxy Resin Solar Panel



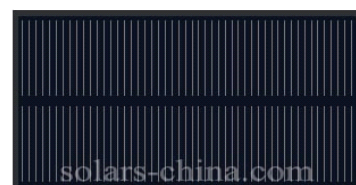
Item No. KS-M8080
0.8W--5V/160mA
Dimension: 80×80×3mm
Epoxy Resin Solar Panel



Item No. KS-M8638
5.5V/60mA
Dimension: 86×38×3mm
Epoxy Resin Solar Panel



Item No: KS-M10050
5V/100mA
Dimension: 100×50×3mm
Epoxy Resin Solar Panel



Item No. KS-M8550
5.5V/110mA
Dimension: 85×50×3mm
Epoxy Resin Solar Panel

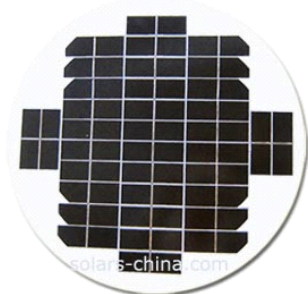
TEMPERED GLASS SOLAR PANEL - MINI SOLAR MODULE



Item No. KS-Q103G
0.6W--5.5V/110mA
Diameter:103mm
Tempered glass Solar Panel



Item No. KS-Q130G
1.2W--6V/200mA
Diameter:130mm
Tempered glass Solar Panel



Item No: KS-Q10W
10W--18V/555mA
Diameter:390mm
Tempered glass Solar Panel



Item No. KS-Q160G
1.9W--6V/315mA
Diameter:160mm
Tempered glass Solar Panel



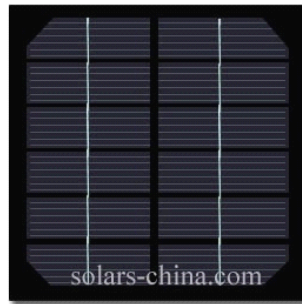
Item No: KS-Q240G
3.8W--6V/633mA
Diameter:240mm
Tempered glass Solar Panel



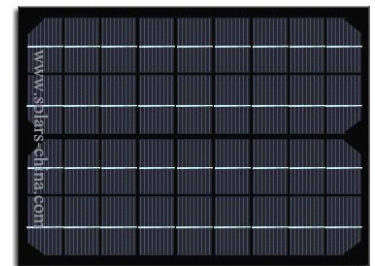
Item No: KS-Q280G
5W--9V/555mA
Diameter:280mm
Tempered glass Solar Panel



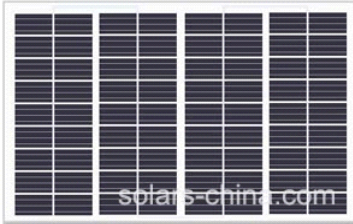
Item No: KS-M165165G
3.6W--6V/600mA
Diameter:165×165×5mm
Tempered glass Solar Panel



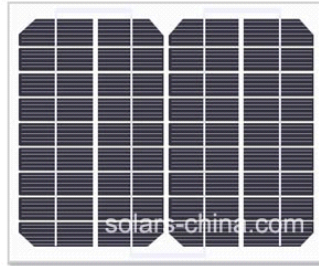
Item No: KS-M165165GB
3.6W--6V/600mA
Diameter:165×165×5mm
Tempered glass Solar Panel



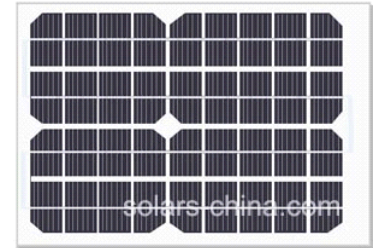
Item No: KS-M305225G
10W--18V/556mA
Diameter:305×225×5mm
Tempered glass Solar Panel



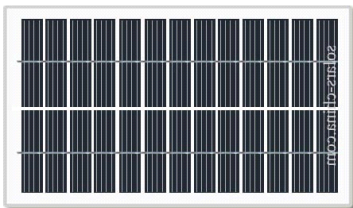
Item No. KS-M240110G
2.7W--18V/150mA
Dimension: 240×110×5mm
Tempered glass Solar Panel



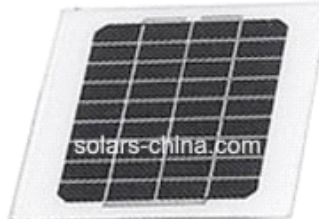
Item No: KS-M240195G
5W--18V/278mA
Dimension: 240×195×5mm
Tempered glass Solar Panel



Item No. KS-M240365G
10W--18V/560mA
Dimension: 240×365×5mm
Tempered glass Solar Panel



Item No. KS-M246145G
5W--13V/385mA
Dimension: 246×145×5mm
Tempered glass Solar Panel



Item No: KS-M140140G
2.3W--7V/340mA
Dimension: 140×140×5mm
Tempered glass Solar Panel



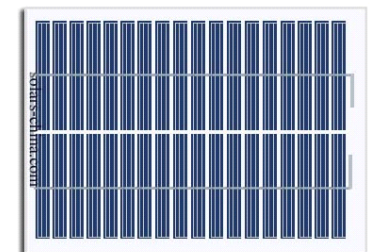
Item No. KS-M190100G
2W--18V/111mA
Dimension: 190×100×5mm
Tempered glass Solar Panel



Item No. KS-M60050G
3.5W--18V/194mA
Dimension: 600×50×5mm
Tempered glass Solar Panel



Item No. KS-M50050G
3W--13V/166mA
Dimension: 500×50×5mm
Tempered glass Solar Panel



Item No: KS-M280180G
5W--18V/277mA
Dimension: 280×180×5mm
Tempered glass Solar Panel

Mini crystalline silicon solar module performance parameter

Item No	Dimension (mm)	Pmax(W)	Operating Voltage(V)	Operating Current(mA)	Encapsulation Methods	Weight (g)
KS-M4030	40×30×3	0.06	2	30	Epoxy Resin	4g
KS-M4040	40×40×3	0.17	4	42	Epoxy Resin	5g
KS-M4833	48×33×3	0.1	4	28	Epoxy Resin	5g
KS-M5050	50×50×3	0.32	4	80	Epoxy Resin	8g
KS-M5555	55×55×3	0.4	5	80	Epoxy Resin	8g
KS-M6030	60×30×3	0.1	4	50	Epoxy Resin	7g
KS-M6060	60×60×3	0.4	4	100	Epoxy Resin	11g
KS-M6060V	60×60×3	0.4	5	80	Epoxy Resin	11g
KS-M8638	86×38×3	0.33	5.5	60	Epoxy Resin	12g
KS-M8080	80×80×3	0.8	5	160	Epoxy Resin	25g
KS-M8550	85×50×3	0.6	5.5	110	Epoxy Resin	16g
KS-M10050	100×50×3	0.5	5	100	Epoxy Resin	22g
KS-Q130PB	Ø130	1.2	6	200	PET	50g
KS-Q130PW	Ø130	1.33	7	190	PET	50g
KS-Q160PB	Ø160	1.9	6	315	PET	76g
KS-Q160PW	Ø160	2.3	7	330	PET	76g
KS-M5555	55×55×2.8	0.4	5	80	PET	7g
KS-M8555	85×55×2.8	0.6	5.5	115	PET	17g
KS-M7050	70×50×2.8	0.46	5	92	PET	18g
KS-M120120	120×120×2.8	1.5	5	300	PET	74g
KS-M10080	100×80×2.8	0.8	6	133	PET	27g
KS-M127127P	127×127×2.8	1.5	2	750	PET	46g
KS-M190135P	190×135×2.8	2.8	5	560	PET	96g
KS-P190135P	190×135×2.8	2.8	5	560	PET	96g
KS-M29139P	291×39×2.8	1.6	4	400	PET	96g
KS-M140120P	140×120×2.8	1.7	4.5	375	PET	69g
KS-M140120PW	140×120×2.8	1.85	7	265	PET	69g
KS-M165165	165×165×2.8	3.6	6	600	PET	81g
KS-M175175	175×175×2.8	3.8	6	633	PET	135g
KS-M28055	280×55×2.8	2.5	5	500	PET	115g
KS-M280180P	280×180×3	5	18	277	PET	245g

Item No	Dimension (mm)	Pmax(W)	Operating Voltage(V)	Operating Current(mA)	Encapsulation Methods	Weight (g)
KS-M165165G	165×165×4.5	3.6	6	600	Tempered glass	378g
KS-M21085G	210×85×4.5	1.8	13	138	Tempered glass	212g
KS-M240110G	240×110×4.5	2.7	18	150	Tempered glass	248g
KS-M190100G	190×100×4.5	1.8	18	100	Tempered glass	250g
KS-M380100G	380×100×4.5	3.6	18	200	Tempered glass	365g
KS-M246145G	246×145×4.5	5	13	385	Tempered glass	460g
KS-M305225G	305×225×4.5	10	18	277	Tempered glass	667g
KS-P280180G	280×180×4.5	5	18	277	Tempered glass	553g
KS-M240195G	240×195×4.5	5	18	277	Tempered glass	460g
KS-M240365G	240×365×4.5	10	18	556	Tempered glass	846g
KS-M60050G	600×50×4.5	3.5	18	194	Tempered glass	303g
KS-M50050G	500×50×4.5	3	18	166	Tempered glass	252g
KS-Q090G	Ø90, T:4.5mm	0.54	9	60	Tempered glass	43g
KS-Q103G	Ø103, T:4.5mm	0.6	5.5	110	Tempered glass	53g
KS-Q130G	Ø130, T:4.5mm	1.2	6	200	Tempered glass	89g
KS-Q160G	Ø160, T:4.5mm	1.9	6	316	Tempered glass	133g
KS-Q240G	Ø240, T:4.5mm	3.8	6	633	Tempered glass	420g
KS-Q280G	Ø280, T:4.5mm	5	9	556	Tempered glass	559g
KS-Q10W	Ø390, T:4.5mm	10	18	556	Tempered glass	578g

Type: Monocrystalline silicon solar cell or Polycrystalline silicon solar cell

Note: Voc and Isc as reference only, operation voltage is in use.

STANDARD TEST CONDITIONS(STC):

AM1.5, Irradiance: 1000W/square meters, Module temperature: 25 degrees.

Size tolerance: ± 0.2 mm ; Power tolerance: $\pm 5\%$;

Operating temperature: -40 to +85°C ; Relative Humidity: 0 to 100%

Using Condition: Outdoor under the sunlight without covering.

Office Address:

N0.401, ZhongKang Pioneer Park, ZhongKang Road,
Futian District, ShenZhen City, Guangdong Province, China

Factory Address:

Longxi Hi-tech Industrial Park, Longcheng Road, Longgang
Town, ShenZhen City, Guangdong Province, China



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E-mail: market@solars-china.com

Our products include various sizes, that can meet personalized requests. We also manufactures customized solar cells according to customer's specifications.

Please contact us: oem@solars-china.com

If you want to inquiry or place an order, Please send the inquiry or purchase order to us by email or fa×, including model number, quantity and delivery address.

Email: market@solars-china.com or Fa×: +86.755.82716024

Monocrystalline(Polycrystalline) silicon Solar Panel Application E×ample



Solar LED Beacon Light



Solar LED Beacon Light



www.solars-china.com

Solar Flashlight



Solar Stud Light



Solar Cell Phone Charger



Solar Light

Office Address:

N0.401,ZhongKang Pioneer Park,ZhongKang Road,
Futian District, ShenZhen City,Guangdong Province,China

Factory Address:

Longxi Hi-tech Industrial Park, Longcheng Road, Longgang
Town, ShenZhen City,Guangdong Province,China

Configuration Relationships between solar panel and batteries

Configuration Relationships between solar panel and Batteries	
Batteries	Solar Panel
1.2V	1.8V~2V
1.5V	2.2V-2.5V
2.4V	3.6V~4V
3.6V	5.5V-6V
6V	9V
9V	12V-13.5V
12V	17.2~18V
18V	27V
24V	36V
36V	54V

Please Note:

When the voltage of your solar panel don't satisfy your storage battery, you can take two or more same solar panels together in series.

Such as,two 5.5v solar panel take together in series, so its voltage is 11V. when the voltage of solar panel satisfy your storage battery.

In order to Speed up the rate of charge, you can take two or more same solar panel together parallel connection.

If you want to inquiry or place an order, Please send the inquiry or purchase order to us by email or fa×, including model number, quantity and delivery address.



E-mail: market@solars-china.com WEB: <http://www.solars-china.com>
Tel: +86 755 83515659 FA×:+86 755 82716024

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