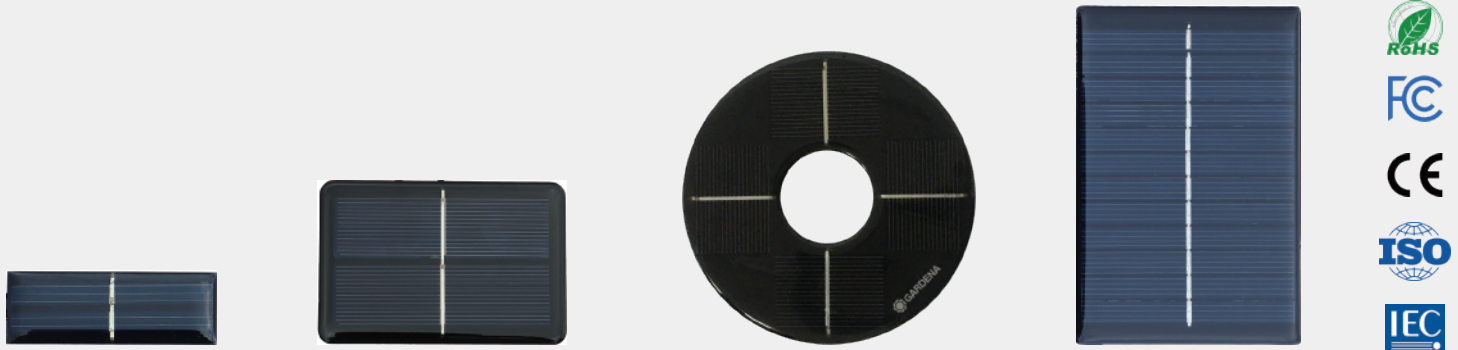


Keruft_Mini E Series-epoxy glue solar modules

Keruft_Mini E系列-环氧胶太阳能组件



Why Choose Keruft_Mini E Series solar modules?

Designed exclusively for ease of use at home, school, lab, or workshop, Keruft_Mini E Series solar module is perfect for your solar projects. Ideal mini power cells for science projects and other electronic applications, the compact size of the solar panel makes them suitable for a wide range of projects including creating solar walkways, lamp repairs, solar LED displays, or to work a motor in self powered models and portable toys. The solar cells can also be used to build a portable charger for small DC batteries – ideal for use when you're camping, hunting or away from home! Solar modules are certified by FCC, RoHS, CE, ISO, IEC to ensure safety, reliability, high quality, energy-saving, and environmental protection.

为什么选择 Keruft_Mini E 系列太阳能组件？

Keruft_Mini E 系列太阳能组件专为在家、学校、实验室或车间使用而设计，非常适合您的太阳能项目。适用于科学项目和其他电子应用的理想迷你电池，太阳能电池板的紧凑尺寸使其适用于各种项目，包括创建太阳能走道、灯具维修、太阳能 LED 显示屏，或在自供电模型和便携式玩具中使用电机。太阳能电池还可用于为小型直流电池构建便携式充电器 - 非常适合在露营、狩猎或离家时使用！太阳能组件通过FCC，RoHS，CE，ISO，IEC认证，以确保安全可靠，品质优良，并且节能环保。

☆ Features 特征



[DIY your own smart model]

Build your own powered models, solar toys, solar lights, solar displays, charging small DC batteries. It can be used for teaching purposes. Many of our customers come from school, college, etc.

【DIY你自己的智能模型】

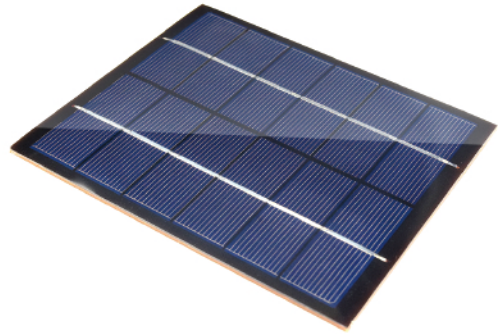
构建您自己的动力模型、太阳能玩具、太阳能灯、太阳能显示器、给小型直流电池充电。它可以用于教学目的。我们的许多客户来自学校、学院等。

[High quality]

High-quality epoxy resin, unique process makes the components beautiful and strong, with good impact resistance and weather resistance, effectively prolonging the service life of solar panels.

【高质量】

优质环氧树脂，独特工艺使组件美观坚固、抗冲击、耐候性好，有效延长太阳能电池板使用寿命。



[Education]

Solar panels are devices that convert light energy into electricity and are ideal for scientific projects.

【教育】

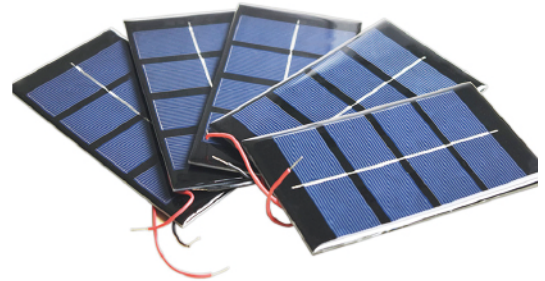
太阳能电池板是光能转化为电能的装置，是科学项目的理想设备。

[Mini Size and Lightweight]

This process makes the solar panel bright surface with good light transmittance and small size. It can be put into a wallet, a small portable bag, and it is very convenient to carry.

【迷你尺寸和轻量】

此工艺使太阳能电池板表面光亮，透光性好，尺寸小巧。可放入钱包，便携小包，携带非常方便。



CONNECT SOLAR PANELS IN PARALLEL OR IN SERIES

When the voltage of your solar panel doesn't satisfy your storage battery, you can take two or more same solar panels together in series. Such as, two 6v solar panel connects together in series, so its voltage is 12V. When the voltage of solar panel satisfies your storage battery. In order to speed up the rate of charge, you can take two or more same solar panel together parallel connection.

并联或串联太阳能电池板

当您的太阳能电池板的电压不能满足您的蓄电池时，您可以将两个或多个相同的太阳能电池板串联在一起。如两块6v太阳能电池板串联在一起，其电压为12V。当太阳能电池板的电压满足您的蓄电池时，为了加快充电速度，可以将两块或多块相同的太阳能电池板并联在一起。

Complete quality management system and product certification

完整的质量管理体系与产品认证

ISO 9001:2015: ISO 质量管理体系

ISO 14001: 2015: ISO 环境管理体系

RoHS EBO1909058-V150 (EU)2015/ 863 限值要求

IEC 61215 2nd Edition (2005)

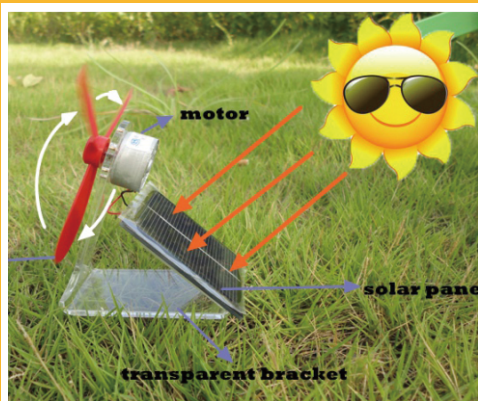
EMC 2004/108/EC BCTC-141212557



☆ Application 应用

Keruft_Mini E Series solar modules applicable to all kinds of small power appliances. Such as emergency lights, advertisement lamps, traffic lights, household lights, electric fans, solar water pumps, solar street lamps, etc. Experience the fun of DIY soon!

Keruft_Mini E系列太阳能组件适用于各种小功率电器。如应急灯、广告灯、交通灯、家用灯、电风扇、太阳能水泵、太阳能路灯等。快来体验DIY的乐趣吧！



Epoxy glue series solar panel

滴胶系列太阳能板

Electrical parameter | STC 电性能参数 (0.145W~0.21W)

Rated Power 功率输出	Pmax(W)	0.125	0.125	0.2	0.21
Model No. 产品型号	/	PG-E-M0.125	PG-E-P0.125	PG-E-P0.2	PG-E-P0.21
Cell type 电池片类型	/	Mono	Poly	Poly	Poly
Operating Voltage 最大功率点的工作电压	Vmp(V)	0.5	0.5	0.5	0.5
Operating Current 最大功率点的工作电流	Imp(A)	0.250	0.250	0.4	0.42
Open Circuit Voltage 开路电压	Voc(V)	0.6	0.6	0.6	0.6
Short Circuit Current 短路电流	Isc(A)	0.275	0.275	0.44	0.46
Performance Tolerance 功率公差	(%)	±5%	±5%	±5%	±5%
Boundary dimension 外形尺寸	mm	48*21*2.8	70*25*3	60*60*2.8	85*85*2.5

Electrical parameter | STC 电性能参数 (0.245W~0.45W)

Rated Power 功率输出	Pmax(W)	0.245	0.275	0.3	0.45
Model No. 产品型号	/	PG-E-M0.245	PG-E-P0.275	PG-E-M0.3	PG-E-P0.45
Cell type 电池片类型	/	Mono	Poly	Mono	Poly
Operating Voltage 最大功率点的工作电压	Vmp(V)	3.5	5.5	6	4.5
Operating Current 最大功率点的工作电流	Imp(A)	0.07	0.05	0.058	0.1
Open Circuit Voltage 开路电压	Voc(V)	4.2	6.6	7.2	23.76
Short Circuit Current 短路电流	Isc(A)	0.077	0.055	0.064	0.11
Performance Tolerance 功率公差	(%)	±5%	±5%	±5%	±5%
Boundary dimension 外形尺寸	mm	50*50*2.8	56*42*3	85*45*2.8	85*45*2.8

Electrical parameter | STC 电性能参数 (0.5W~1.26W)

Rated Power 功率输出	Pmax(W)	0.5	0.65	1.26	1.26
Model No. 产品型号	/	PG-E-M0.5	PG-E-P0.65	PG-E-M1.26-1	PG-E-M1.26-2
Cell type 电池片类型	/	Mono	Poly	Mono	Mono
Operating Voltage 最大功率点的工作电压	Vmp(V)	5.5	5	18	6
Operating Current 最大功率点的工作电流	Imp(A)	0.09	0.13	0.07	0.21
Open Circuit Voltage 开路电压	Voc(V)	6.6	6	21.6	7.2
Short Circuit Current 短路电流	Isc(A)	0.099	0.143	0.077	0.231
Performance Tolerance 功率公差	(%)	±5%	±5%	±5%	±5%
Boundary dimension 外形尺寸	mm	65*65*2.8	120*62*2.8	111*111*3	110*80*2.8

Electrical parameter | STC 电性能参数 (1.5W~2W)

Rated Power 功率输出	Pmax(W)	1.5	1.5	1.8	2
Model No. 产品型号	/	PG-E-M1.5-1	PG-E-M1.5-2	PG-E-M18	PG-E-M2
Cell type 电池片类型	/	Mono	Mono	Mono	Mono
Operating Voltage 最大功率点的工作电压	Vmp(V)	6	5	5	18
Operating Current 最大功率点的工作电流	Imp(A)	0.25	0.3	0.36	0.12
Open Circuit Voltage 开路电压	Voc(V)	7.2	6	6	21.6
Short Circuit Current 短路电流	Isc(A)	0.275	0.33	0.396	0.13
Performance Tolerance 功率公差	(%)	±5%	±5%	±5%	±5%
Boundary dimension 外形尺寸	mm	136*112*5	Φ190*2.5	Φ145*3	136*110*3

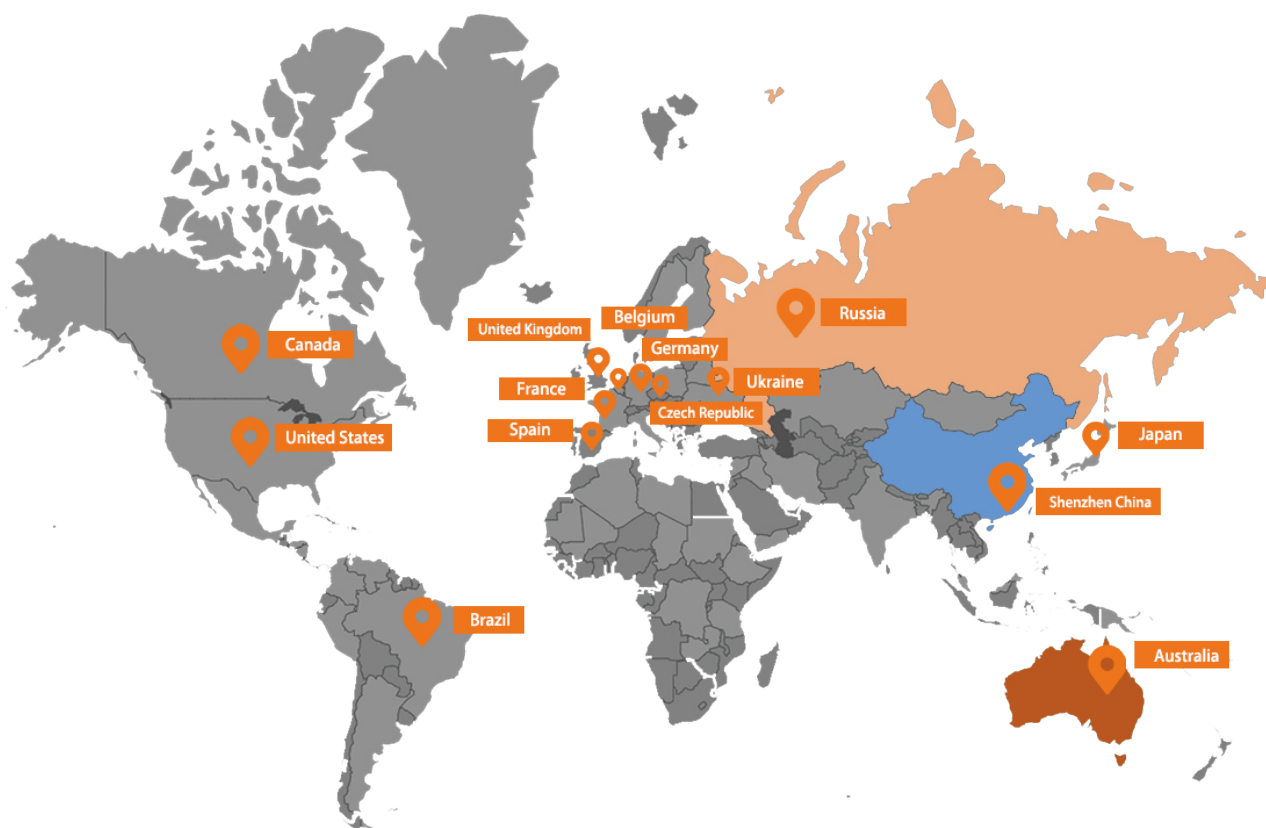
* 标准测试条件：（大气质量 AM1.5，辐照度 1000W/m²，电池温度25℃）下的测量值。

* Standard test conditions measured values (irradiance 1000 W/m², cell temperature 25 °C, atmospheric mass AM1.5)

*以上为我们公司的一部分太阳能板的规格及型号。我们可以根据客户要求设计及定制。

*It's a part of the specifications and models of the solar panels.We can design and provide products according to customer's demand.

Global Markets Distribution



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