Roicht@_GL Series Foldable solar panel kit & solar table

Roicht@_GL 系列可折叠太阳能电池板套件&太阳能桌

Why choose Roicht@_GL Series Foldable solar panel kit & solar table ?

Roicht@_GL Series Foldable Solar Panel kit & Solar Table with an integrated charge controller can charge a battery directly and also a USB output to charge mobile phones, tablets, and digital cameras. Solar panels are certified by FCC, RoHS, CE, ISO, IEC to ensure safety, reliability, high quality, energy-saving, and environmental protection. This kit brings mobile solar power for RV, caravans, motor homes, trucks, golf cars, boats as well as all outdoor activities. The foldable solar panel kit with a high-efficiency solar cell which can generate maximum power in the fixed area and aluminum frame and supporting bracket, easy to install to absorb the sunlight, just plug and play.

为什么选择Roicht@_GL 系列可折叠太阳能电池板套件&太阳能桌？

Roicht@_GL 系列可折叠太阳能电池板套件&太阳能桌带有集成充电控制器，可直接为电池充电，也可通过 USB输出为手机、平板电脑和数码相机充电。太阳能电池板通过FCC，RoHS，CE，ISO，IEC认证，以确保安全可靠， 品质优良，并且节能环保。该套件为房车、大篷车、卡车、高尔夫球车、船只等以及所有户外活动带来移动太阳能充电。 可折叠太阳能电池板套件采用高效太阳能电池，可在固定区域内产生最大功率，铝制框架和支撑支架，易于使用和携带，即插即用。
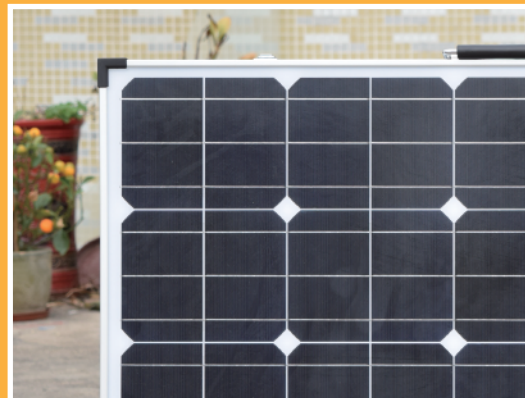
☆ **Features** 特征

[High Efficiency]
Made of high-efficiency monocrystalline cells, the cell conversion rate is as high as 23%. High quality tempered glass.Bypass diodes reduce power drop caused by shadows and ensure excellent performance in low-light environments.

【高效率】
采用高效单晶电池制成，电池片转换率高达23%左右。高品质钢化玻璃。旁路二极管可减少阴影引起的功率下降。在弱光环境下的性能亦表现出色。

[Easy to Transport and Store]
With the convenient handle and the table's compact fold size, it is easy to transport and store. You can carry it to anywhere you want. It also can be store in limited space.

【易于运输和储存】
具有方便的把手和紧凑的折叠尺寸，便于运输和存放。你可以把它带到你想去的任何地方。它也可以存储在有限的空间中。

[Easy to Setup and Fold]
The aluminum folding table can be set up and fold within seconds without any tools,easy to absorb the sunlight, just plug and play.
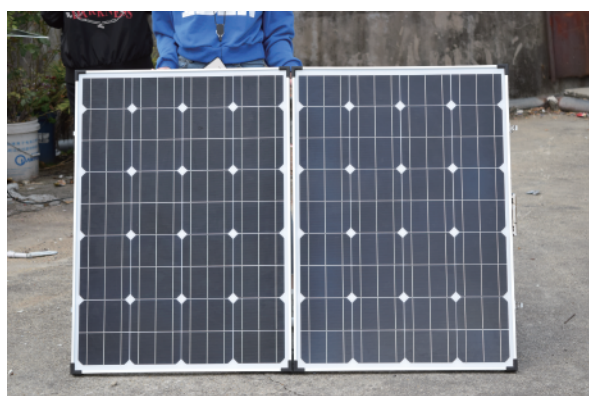
【易于安装和折叠】
铝制折叠桌无需任何工具即可在几秒钟内完成安装和折叠,易于吸收阳光，即插即用。

[Durable & Waterproof]
The junction box is IP65 waterproof. High-transparency, low-iron tempered glass, and corrosion-resistant aluminum frame, high-quality EVA, TPT, provide strong protection for panel structure and extended outdoor use time.

【耐用防水】
接线盒IP65防水等级。高透明、低铁钢化玻璃和耐腐蚀铝制框架、高质量EVA、TPT，为面板结构和延长户外使用时间提供强有力的保护。

☆ **Application** 应用

Roicht@_GL Series Foldable solar panel kit & solar table is integrated with highly efficient Monocrystalline panels, making this a perfect portable solar system. Charging anytime and anywhere, this solar kit is ideally suited for outdoor life and even unexpected power outages. Multipurpose portable solar table/adjustable camping table with high-quality material and the sturdy thick frame is easy to transport and store. This folding camp table can be used as picnic table for outdoor, RV outside, BBQ, serving table for dining, small patio table for adult and kids, camping table for beach, fishing.It can also be regarded as a gift to your family and friends.

Roicht@_GL 系列可折叠太阳能电池板套件&太阳能桌由高效单晶电池板集成，使其成为完美的便携式太阳能系统。 随时随地充电，这款太阳能套件非常适合户外生活，甚至是意外停电。 多功能便携式太阳能桌/可调节野营桌采用优质材料和坚固的厚框架，便于运输和存放。 这款折叠露营桌可用作户外野餐桌、户外房车、烧烤、餐桌服务桌、成人和儿童小露台桌、海滩露营桌、钓鱼。它也可以作为礼物送给家人和朋友。

Specification for solar panel kit & solar table

太阳能桌、折叠箱规格书

Electrical parameter｜STC　电性能参数　(100W~400W）

Rated Power 功率输出	Pmax(W)	100	200	400	400
Model No. 产品型号	/	PG-F-FSP100	PG-F-FSP200	PG-F-FSP400	PG-F-FSP400-1
Cell type 电池片类型	/	166Mono	125Mono	125Mono	125Mono
Operating Voltage 最大功率点的工作电压	Vmp(V)	14.8	18	18	36
Operating Current 最大功率点的工作电流	Imp(A)	6.75	11.1	22.22	11.1
Open Circuit Voltage 开路电压	Voc(V)	17.55	21	21	42
Short Circuit Current 短路电流	Isc(A)	7.43	12.21	24.44	12.21
Performance Tolerance 功率公差	(%)	±5%	±5%	±5%	±5%
Boundary dimension 外形尺寸	mm	580*580	915*660	915*660	915*66

*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.

Structural performance 结构性能

Solar cell 太阳能电池片	125*125 Mono / 156×156Mono
Surface 面板	ETFE/PET/TPT
Junction Box 接线盒/稳压盒	MC4Junction Box / Voltage regulator box
EVA(EVA)	Through the Rhine test 通过莱茵测试
Output Interface 输出接口	USB /DC/MC4

Temperature characteristics 温度特性

Standard Test Conditions 电池标称工作温度（NOTC)	45±2℃
Short Circuit Current Temp 温度系数 (Sic)	+0.050%/°C
Open Circuit Voltage Temp 温度系数 (Vic)	-0.30%/°C
Max. Power Temp 温度系数 (Plax)	-0.39%/°C

Limit parameter 极限参数

Operating Temperature 工作温度	-40~+85°C
Max.System Voltage 最大系统电压	1000V DC

* 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).

Complete quality management system and product certification
完整的质量管理体系与产品认证
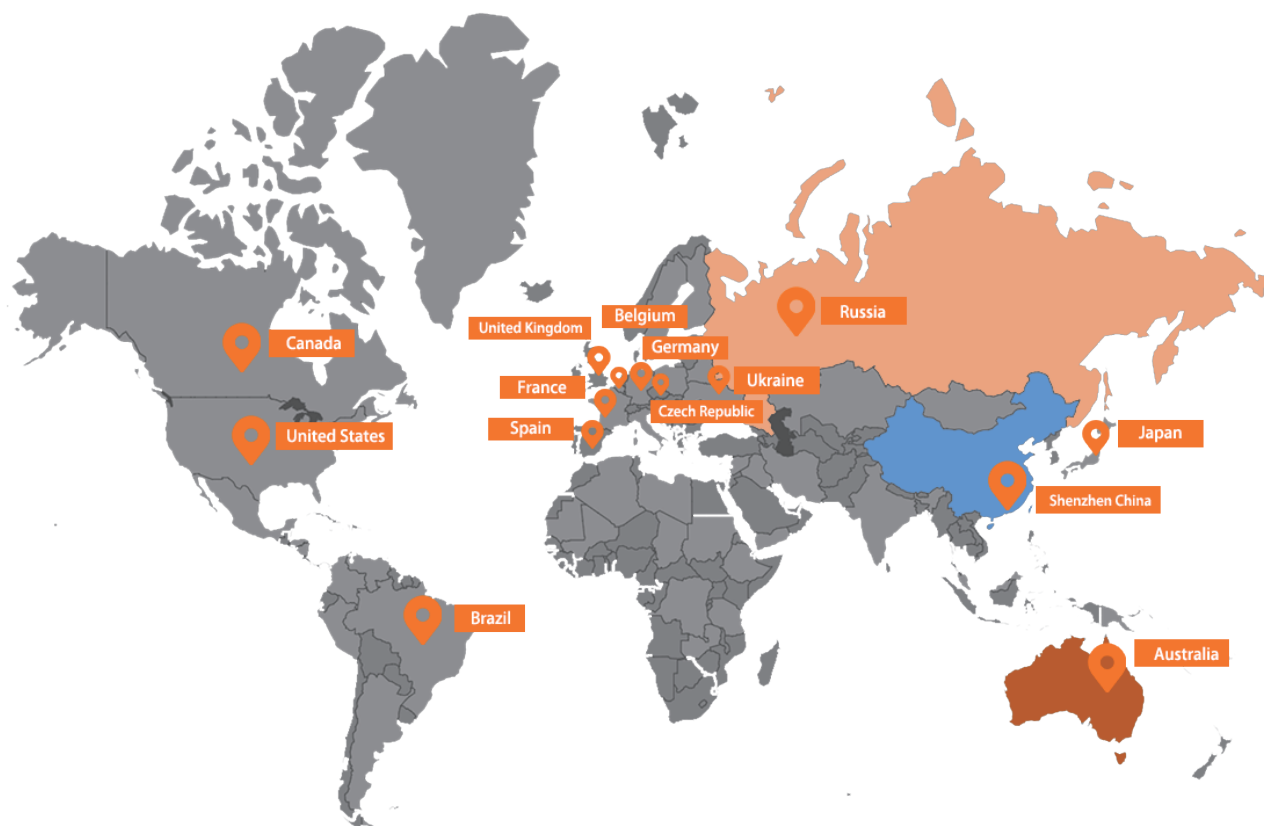ISO 9001:2015: ISO 质量管理体系
ISO 14001: 2015: ISO 环境管理体系
RoHS EBO1909058-V150 （EU)2015/ 863 限值要求
IEC 61215 2nd Edition (2005)
EMC 2004/108/EC BCTC-141212557

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