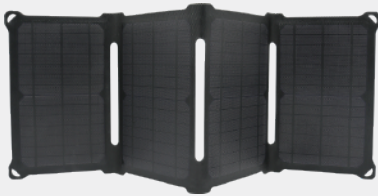
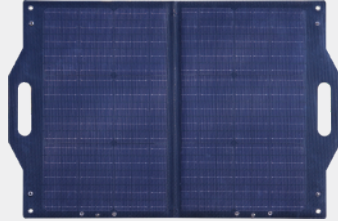


Roicht@_IN Series ETFE Portable Solar Chargers

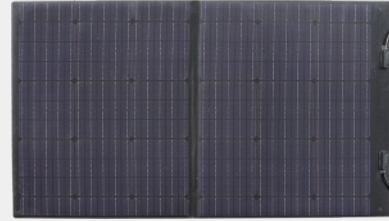
Roicht@_IN Series



Roicht@_IN-24W



Roicht@_IN-50W



Roicht@_IN-100W



Why Choose SOLARParts Solar Charger?

SOLARParts Roicht@_IN Series ETFE Portable Solar Chargers is made of the industry's latest upgraded high-density monocrystalline silicon, which is smaller in size and has a higher conversion rate. Solar panels are certified by FCC, RoHS, CE, ISO, IEC to ensure safety, reliability, high quality, energy-saving, and environmental protection. Whether you're charging a generator phone laptop or refueling a power pack, solar power has you covered. Our foldable portable monocrystalline solar panels are rugged, reliable, and easy to use. Harness the sun with portable solar power wherever you are.

为什么选择 SOLARParts 太阳能充电器？

SOLARParts Roicht@_IN系列ETFE便携式太阳能充电器采用业界最新升级的高密度单晶硅，体积更小，转换率更高。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。无论您是为发电机电话笔记本电脑充电还是为电池组充电，太阳能都能满足您的需求。我们的可折叠便携式单晶太阳能电池板坚固、可靠且易于使用。无论您身在何处，都可以利用便携式太阳能电池板发电。

☆ Features 特征



OUTDOOR NEEDS

Water-resistant & durable. The solar panel is water-resistant to endure all weather conditions, it can ideal for the activities of your outdoor adventures.

户外需求

防水耐用。太阳能电池板防水，可承受所有天气条件，是您户外探险活动的理想选择。

HIGHER CONVERSION RATE

The industry's latest upgraded high-density monocrystalline silicon, with long-lasting ETFE material on the surface, is smaller in size and has a higher conversion rate.

更高的转化率

业界最新升级的高密度单晶硅，表面采用长效ETFE材料，体积更小，转化率更高。



BROAD COMPATIBILITY

Compatible with all mobile phone, tablets, GPS, Camera and other USB-supported devices. Dual USB ports with capability of charging two devices simultaneously. Keep your devices fully charged on the go in no time.

广泛的兼容性

与所有 手机、平板电脑、GPS、相机和其他支持 USB 的设备兼容。双 USB 端口具有同时为两个设备充电的能力。随时随地让您的设备充满电。



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

PERFECT CHOICE FOR OUTDOOR AND EMERGENCY LIFE

For most power stations and 12-volt batteries, RV, car, boat, trailer, truck, pumpa, camping, van, emergency power.

户外和应急生活的完美选择

适用于大多数发电站和 12 伏电池、房车、汽车、船、拖车、卡车、水泵、露营、货车、应急电源。



Model : 6W series 型号 : 6W系列



Electrical parameter | STC 电性能参数

Rated Power 功率输出	Pmax(W)	12W	18W	24W
Model No. 产品型号	/	PG-FSP12	PG-FSP18	PG-FSP24
Operating Voltage 最大功率点的工作电压	Vmp(V)	7V	7V	7V
Operating Current 最大功率点的工作电流	Imp(A)	1.71A	2.57A	3.42A
Open Circuit Voltage 开路电压	Voc(V)	8.4V	8.4V	8.4V
Short Circuit Current 短路电流	Isc(A)	1.88A	2.82A	3.77A
Performance Tolerance 功率公差	(%)	±5%	±5%	±5%

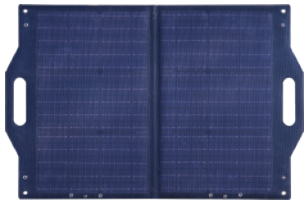
Structural performance 结构性能

Solar cell 太阳能电池片	Monocrystalline silicon 156×156单晶硅电池
Connections of cells 电池片排列	1x14*2 1x14*3 1x14*4
Size 组件尺寸	395×300×15mm/590*300*15mm/790*300*15mm
Weight 重量	0.43kg/0.64kg/0.85kg
Surface 面板	ETFE
EVA	Through the Rhine test 通过莱茵测试
Voltage regulator Box 稳压盒	48*44*13mm
Output parameters 输出参数	5V/2A
Output Interface 输出接口	USB
Wind / snow pressure 风压/雪压	2400 Pa/5400 Pa

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%/℃
Open Circuit Voltage Temp 温度系数 (Vic)	-0.30%/℃
Max. Power Tem 温度系数 (Plax)	-0.39%/℃
Operating Temperature 极限工作温度	-40~+85℃
Max.System Voltage 最大系统电压	1000V DC

Model : 25W series 型号 : 25W系列



Electrical parameter | STC 电性能参数

Rated Power 功率输出	Pmax(W)	50W	100W
Model No. 产品型号	/	PG-FSP50-2	PG-FSP100-4
Operating Voltage 最大功率点的工作电压	Vmp(V)	19.8V	19.8V
Operating Current 最大功率点的工作电流	Imp(A)	2.52A	5.05A
Open Circuit Voltage 开路电压	Voc(V)	23.76V	23.76V
Short Circuit Current 短路电流	Isc(A)	2.77A	5.55A
Performance Tolerance 功率公差	(%)	±5%	±5%

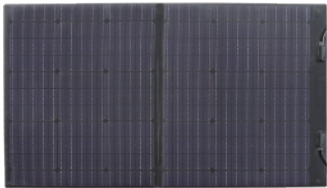
Structural performance 结构性能

Solar cell 太阳能电池片	Monocrystalline silicon 166×166单晶硅电池
Connections of cells 电池片排列	3x7*2 3x7*4
Unfolded Size 展开尺寸	855*540*18mm/1530*540*18mm
Folded size 折叠尺寸	430*540*33mmmm/430*540*40mm
Weight 重量	2.05kg/3.6kg
Surface 面板	ETFE
EVA	Through the Rhine test 通过莱茵测试
Voltage regulator Box 稳压盒	66*45*13mm
Output parameters 输出参数	USB1:5V/3A USB2:5V/3.6A、9V/2.5A、12V/2A DC:19.8V(50W/100W)
Output Interface 输出接口	USB/DC
Wind / snow pressure 风压/雪压	2400 Pa/5400 Pa

Temperature characteristics 温度特性

Standard Test Conditions 电池标称工作温度 (NTC)	45±2°C
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 Tem 温度系数 (Plax)	-0.39%/°C
Operating Temperature 极限工作温度	-40~+85°C
Max.System Voltage 最大系统电压	1000V DC

Model : 50W series 型号 : 50W系列



Electrical parameter | STC 电性能参数

Rated Power 功率输出	Pmax(W)	100W	200W
Model No. 产品型号	/	PG-FSP100-2	PG-FSP200
Operating Voltage 最大功率点的工作电压	Vmp(V)	18.1V	18.1V
Operating Current 最大功率点的工作电流	Imp(A)	5.52A	11A
Open Circuit Voltage 开路电压	Voc(V)	21.78V	21.78V
Short Circuit Current 短路电流	Isc(A)	6.07A	12.15A
Performance Tolerance 功率公差	(%)	±5%	±5%

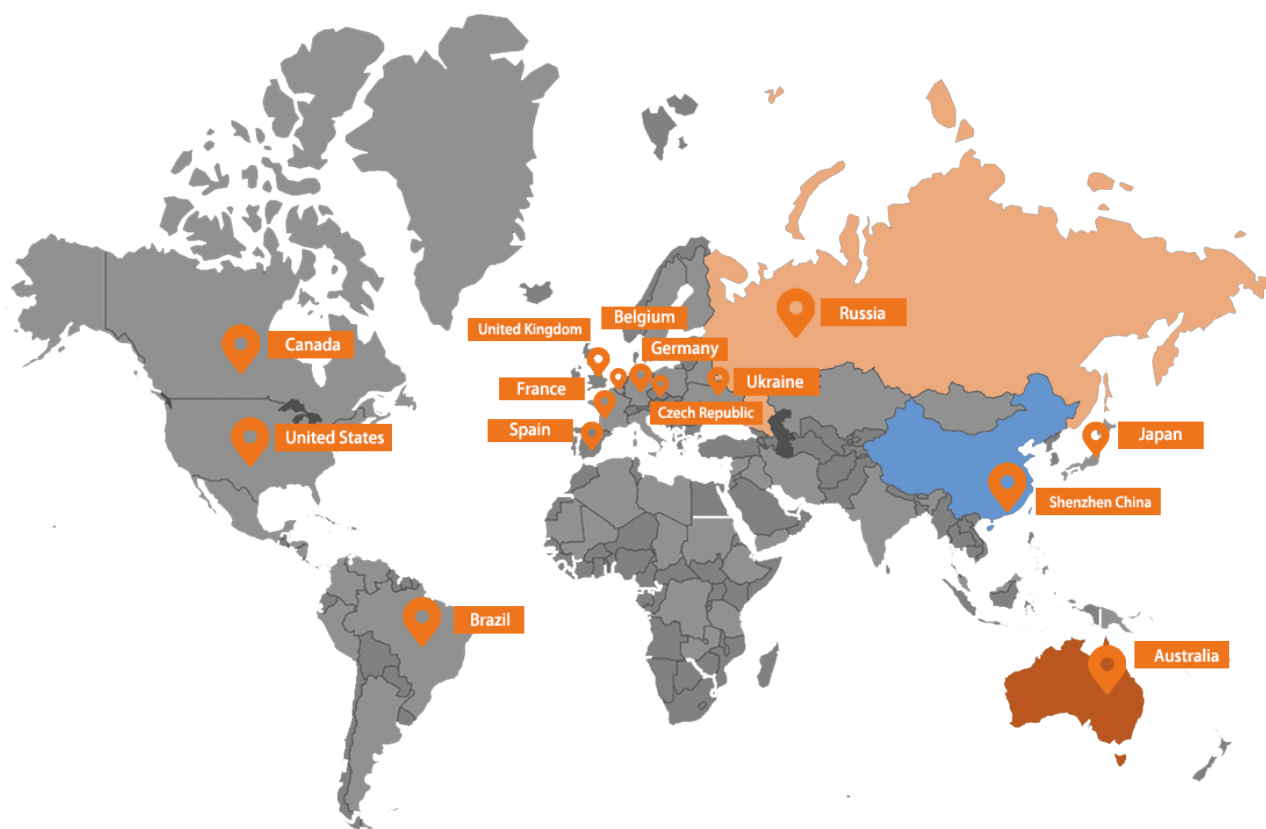
Structural performance 结构性能

Solar cell 太阳能电池片	Monocrystalline silicon 166×166单晶硅电池
Connections of cells 电池片排列	3x11*2 3x11*4
Size 组件尺寸	1230×645×15mm/2300*645*15mm
Wei 重量	3.6kg/7kg
Surface 面板	ETFE
EVA	Through the Rhine test 通过莱茵测试
Junction box 接线盒	85*30*13mm
Output parameters 输出参数	18.1V/(5.52A/11A)
Output Interface 输出接口	MC4
Wind / snow pressure 风压/雪压	2400 Pa/5400 Pa

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%/℃
Open Circuit Voltage Temp 温度系数 (Vic)	-0.30%/℃
Max. Power Tem 温度系数 (Plax)	-0.39%/℃
Operating Temperature 极限工作温度	-40~ +85℃
Max.System Voltage 最大系统电压	1000V DC

Global Markets Distribution



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