

# 多功能太阳能小系统

## Multifunctional solar energy system

### FS-S91

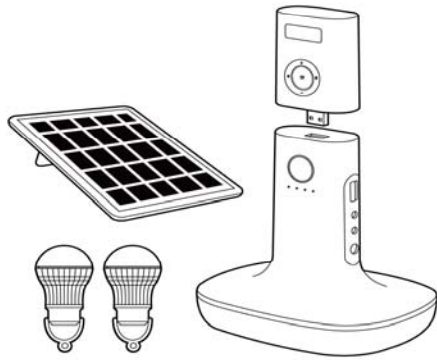
整套系统保修三年

Warranty : 3years for the whole set





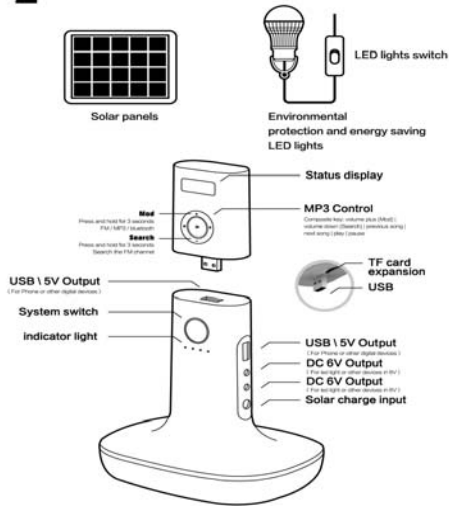
# MULTIFUNCTIONAL SOLAR SYSTEM MANUAL AND WARRANTY



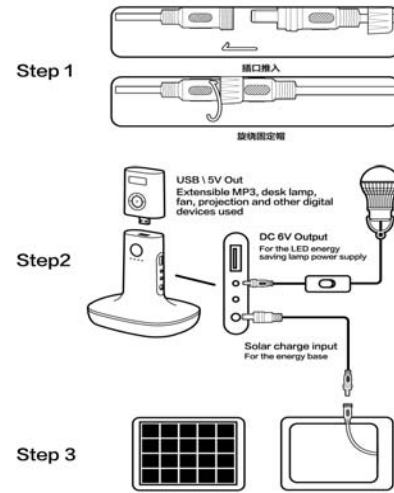
## 1 Standard configuration

Standard A	FS-S913	
Energy base X 1	LED lights X 2	Solar panels X 1
Standard A	FS-S913M	
Energy base + MP3 X 1	LED lights X 2	Solar panels X 1
Standard B	FS-S916	
Energy base X 1	LED lights X 2	Solar panels X 1
Standard B	FS-S916M	
Energy base X 1	LED lights X 2	Solar panels X 2

## 2 Product Features



## 3 Instructions for use



### 专利申请号：PATENT：

- 1、 实用新型 Utility Patent No. : 201720198728.9
- 2、 主机外观专利 Host Appearance Patent No. : 201730057761.5
- 3、 太阳能板外观专利 Solar Panel Appearance Patent No. : 201703116818.4

### 标准配置：Standard Configuration

#### FS-S913

- 1、 Solar Panel : 6V3W ( 6V3W )
- 2、 Controller : 6V3A(PWM)

- 3、 Battery : Lithium battery:3.7V8AH
- 4、 Led lamp : 6V1W \*2PCS
- 5、 Cable for solar panel : 3 M
- 6、 3 M cable + switch

#### **FS-S913M**

- 1、 Solar panel : 6V3W ( 6V3W )
- 2、 Controller : 6V3A(PWM)
- 3、 Battery : Lithium battery: 3.7V8AH
- 4、 LED 灯 Led lamp : 6V1W \*2PCS
- 5、 Cable for solar panel : 3 M
- 6、 3 M cable + switch
- 7、 MP3/FM /Blue tooth one set

#### **FS-S916**

- 1、 Solar panel : 6V3W ( 6V3W ) \*2PCS
- 2、 Controller : 6V3A(PWM)
- 3、 Battery:Lithium battery: 3.7V12AH
- 4、 LED lamp : 6V1.5W \*2PCS
- 5、 Cable for solar panel : 3M
- 6、 3 M cable + switch

#### **FS-S916M**

- 1、 Solar panel : 6V3W ( 6V3W ) \*2PCS
- 2、 Controller : 6V3A(PWM)
- 3、 Battery : Lithium battery 3.7V12AH
- 4、 LED lamp : 6V1W \*2PCS
- 5、 Cable for solar panel : 3 米
- 6、 3 M cable + switch
- 7、 MP3/FM /Blue tooth one set

## **太阳能板 Solar panel:**

- 1、 外壳：采用 ASA 材料（耐高温材料，可达：90 度，太阳下面或者寒冷天气不易变形。） Outer shell is made by ASA material ,which can withstand high temperatures even under the condition of 90 degree, sunshine or cold weather, it will not be out of shape.
- 2、 太阳能片：采用高温层压融合而成，寿命长达 25 年，不易老化，防水性好可以丢在水里使用。 Solar wafers: the combination of high temperature laminate The lifetime can be 25years.It is not easy to be worn and warter proof. So it can be used inside water.
- 3、 太阳能排片，采用全自动化机器排列，无一歪斜现象，四面距离基本相同。工艺精湛。 Solar panels, which are all automated machine permutations, are not skewed, and are nearly identical in all directions. Exquisite workmanship.
- 4、 功率：100%大于等于 3W，无一负公差。 Power: 100% greater than or equal to 3W, no negative tolerance.

## **主机：Main machine**

- 1、 外壳采用 ABS 材料，不易变形，韧性好。 The main machine is made by ABS material , not easy in deformation, good toughness
- 2、 控制器采用精工原器件。 The controller is consist of Seiko original device.
- 3、 电池承诺 800 次循环容量不低于 80%容量。 The battery is assured to be recycling used 800times ,which is not lower 80% capacity.

## **LED 灯：LED lamp**

- 1、 采用 1.2MM 铝基板/ Made by MCPCB.
- 2、 5730 灯珠采用金线支架采用全铜，光效可以达到：120LM/W / 5730 light beads are made of all-copper using gold wire brackets.
- 3、 寿命长达 5 万小时 The lifetime can be 50000 hours.
- 4、 外壳采用 PC+PS 材料 Outer shell is made by PC+PS material
- 5、 吊钩采用 PP 材料 The hanger is made by PP material.

## **MP3/FM/蓝牙（带功放） MP3/FM/Blue tooth (with amplifier)**

- 1、 外壳采用 ABS 材料，表面光洁度非常好 Outer shell is made by ABS material, very smooth.
- 2、 MP3 是装 TF 卡 MP3 is assembled by TF card.
- 3、 FM 接收信号超强，即使很恶劣环境可以收到频道。 FM singal is super good. It can receive the channel even under the bad environment.
- 4、 蓝牙接收，可以手机，电脑，平板蓝牙发送音乐或者声音传输。 Blue tooth can deliver music or voice through mobile phone ,computer,laptop.
- 5、 喇叭采用多媒体音箱喇叭。 The speaker is multimedia speaker horn.

6、 USB 供电，即插即用。USB provide power, plug and play.

### **线材 : Cable material**

- 1、 全部采用纯铜多股线 Use copper stranded wire.
- 2、 22 号线过 3A 电流。No.22 wire can go through 3A current.
- 3、 DC 插头采用纯铜**阴插**接触性能更可靠。The DC plug is more reliable with pure copper shadow insertion
- 4、 LED 灯线压降低于 0.1V，超低损耗。The LED light pressure drops to 0.1 V,Very low wastage.
- 5、 太阳能板功率损耗低于：0.1W . The wastage of solar panel power is lower 0.1W.

### **包装 : Packing**

- 1、 采用加强一坑纸，耐摔发货不会摔坏。Use hard paper to strengthen the box . which protect the goods to avoid the broken.
- 2、 采用用加厚 1MM 吸塑，强度比较高，看起来非常高档。The use of the heavy 1MM, the strength is higher,It looks very upscale.
- 3、 灯，太阳能板，主机，MP3，全方位保护。Led lamp, solar panel, main machine, MP3 can be well protected by this box.

### **FCC Statement**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1)this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.