User Manual
solar motion sensor light

1. Expansion pillar-hinge
2. Hole
3. Screw
4. Solar panel
Electrical Characteristics:

1. Solar panel: 0.55W, 17% efficiency
2. Li-ion battery: 3.7V 800mAh
3. Switch Pin: turn on/off the light by hand
4. LED: 16pcs, SMD 3528, 1 Watt, 100 lumens
5. Lighting mode: Dark/DIM/bright,
   DIM: weak lighting for saving power when no motion
   Bright: motion activate for lighting when people walk near
6. Protect function: Over charging, over discharging,
   under current, short circuit
7. Advantage for electric:
   a) Constant voltage 4.2V charging type
   b) Input current limited
   c) Output current limited
   d) Backflow current proof for solar cell
   e) High efficiency
   f) Famous brand component: MURATA, PANASONIC, ST, TOSHIBA, ETC
8. Stainless Material: ABS+aluminum (sand blasting)

Operation Instructions:

1. Unlock and activate the device
   The internal battery is locked from factory for safety shipment, so users
   have to use supplied Key pin to click the "on/off" socket and unlock the
   battery and lighting system.
2. How to Install the device?
   Please use the supplied Expansion pillar-hinge and screws to mount the
   device on Pole or wall anywhere outside you want for lighting.
3. Charging via solar panel:
   Please install the unit face south and make sure the solar panel can get the
   good sunlight directly without any shelter or glass.
   Normally it can be fully charged in one day under ideal bright sunlight.
4. Night sensor function
   It will auto turn on Dim light when in darkness or at night, and auto turn off
   when in daytime or bright area.
5. Dim light mode
   In order to save power, it will auto turn on Dim light when no Motion over
   there, but the brightness also can work as signal light.
6. Bright light mode
   When people walk around 2 meters close, it will turn on bright light.
Working process instructions

Step 1: Charging under sun in daytime around 7 hours
Step 2: Dim light in dark/at night, Auto night sensor
Step 3: Bright light at night when people walk close and clap hands
Step 4: People move away, turn to dim light again to save power

Warning:
1. Keep the device away from fire, water and moist places in order to avoid explosion, leakage, moisture;
2. Any severe shock to the charger is not recommended;
3. No one except professional technicians should attempt to disassemble the charger in order to avoid damaging the charger;
Special Note:

1. Please fully charge the device before first use.
2. If there is no good sunlight in 3 months, the battery may be out of power, so you have to charge it by bright sunlight. When it's fully charged, please use supplied Key Pin to unlock the device and lighting system, otherwise, it can't work anymore.
3. If the light is blink means the power is very low, you have to charge it by sunlight soon, otherwise, the device will stop working soon.
4. If there is no good sunlight or in winter sunlight, especially in North countries, it may take longer time to fully charge the device and this is very normal for solar products.

Package include:

1. Key pin: 1pc
2. Expansion pillar-hinge 2pcs
3. Screws 2pcs