



**controller 1**

**controller 2**

**controller 3**

**controller 1: LED panel with solar panel & AC/DC Power Adapter**

- \* LED panel will be lighting on every seconds during day time, by solar panel supply
- \* LED panel can continue lighting during night time, by energy backup from the grid electricity however, (when grid electricity is involved in work) LED panel won't be lighting on all the time at night

**under Radar Sensor control:** the LED panel won't light on unless human (or other living object) is there and of activity should human has left (or fallen asleep) for more than 10 mins, the LED panel would light off automatically to save electricity when human comes / moves again, the LED panel would light on again automatically & immediately

no matter how many LED panels are in parallel connection, each LED panel will carry such a controller to work smartly as above

**controller 2: LED panel with (1 circuit) Solar Battery System**

- \* solar panel is set to charge battery only, and battery is the only energy source for LED panel
- \* LED panel can light on/off at any time, and always under Radar Sensor control: it won't light on unless human (or other living object) is there and of activity should human has left (or fallen asleep) for more than 10 mins, the LED panel would light off automatically to save battery when human comes / moves again, the LED panel would light on again automatically & immediately
- \* the fully charged battery can only support 5 continuous working hours for LED panel

in Controller 1, if without solar panel, the wire connection will be same as Controller 2, and AC/DC Power Adapter will support LED panel works smartly all the time & under radar sensor control

**controller 3: LED panel with (2 circuit) Solar Battery System**

- \* LED panel will be lighting on every seconds during day time but be controlled by the Radar Sensor to light on/off smartly during sunless periods once battery is involved in work
- \* **during sunless periods:** the LED panel won't light on unless human (or other living object) is there and of activity should human has left (or fallen asleep) for more than 10 mins, the LED panel would light off automatically to save battery when human comes / moves again, the LED panel would light on again automatically & immediately LED panel can continue lighting for 5 sunless hours under the fully charged battery support

if to sell the solar lights more flexibly per customer requests, maybe you stock:  
 enough **LED panels + solar panels**,  
**solar battery systems** (either 1 circuit or 2 circuit system),  
**AC/DC power adapters**, &  
 all 3 kinds of **controllers**,  
 then you pick up different parts to make for different systems.

the LED panels can be in different sizes and of different powers