

Remind:

- 1) Please recharge battery immediately when power is low and active all functions.
- 2) To avoid the wastage of power, please turn off the main switch when you don't use it.

Warning:

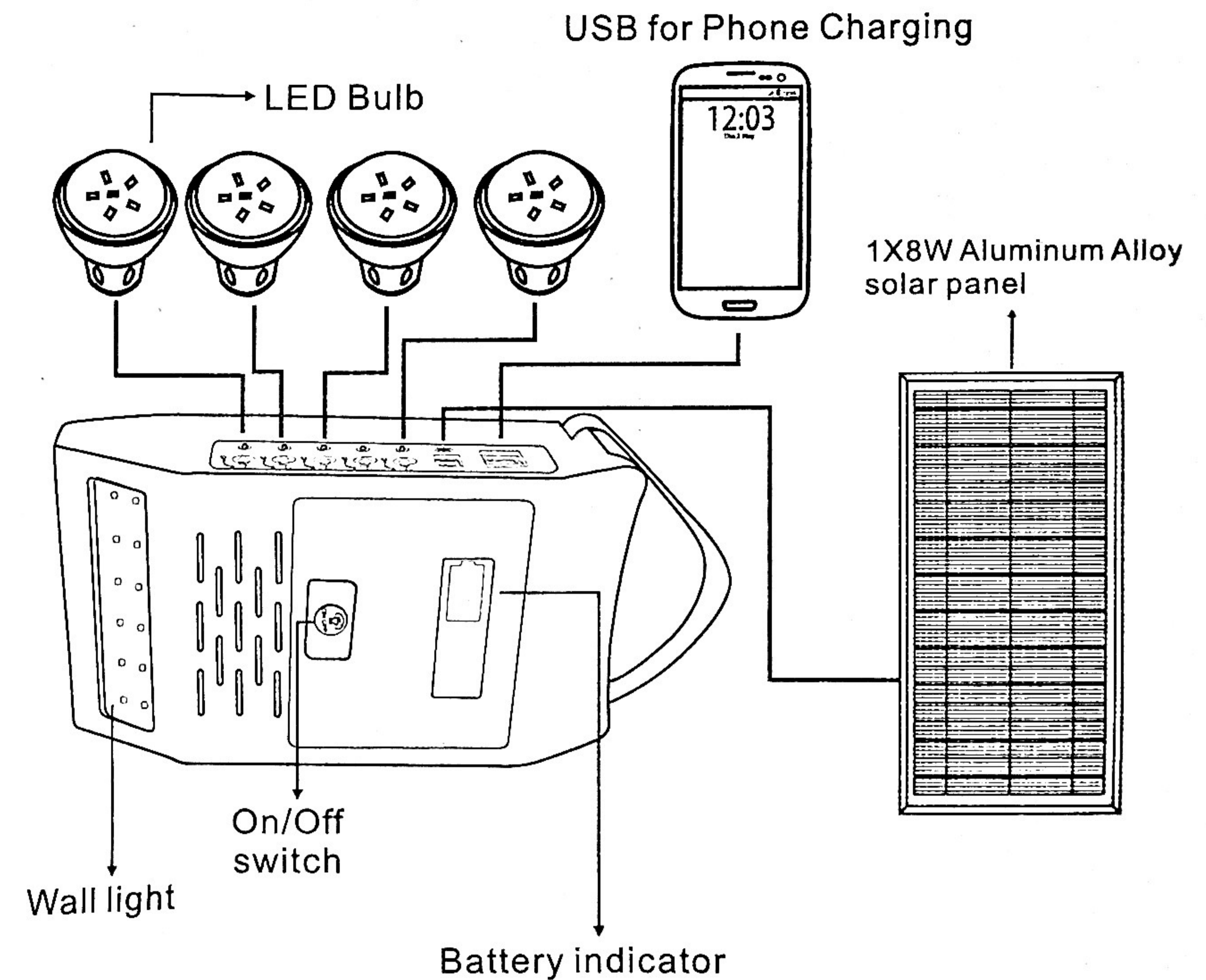
- 1) Please go to the local dealer to replace battery when needed.
- 2) Fully charge the battery before the first use.
- 3) Fully charge the battery at least once a month.
- 4) Only use AC adapter provided by us to charge the battery to avoid the damage by high voltage.
- 5) Keep away from fire or any corrosives.
- 6) The control box should always be placed in a dry and shady place.
- 7) Always keep the solar panel surface clean and in good condition.
- 8) Any actions such as throw, drop, fall, knock are all prohibited.

Made In China

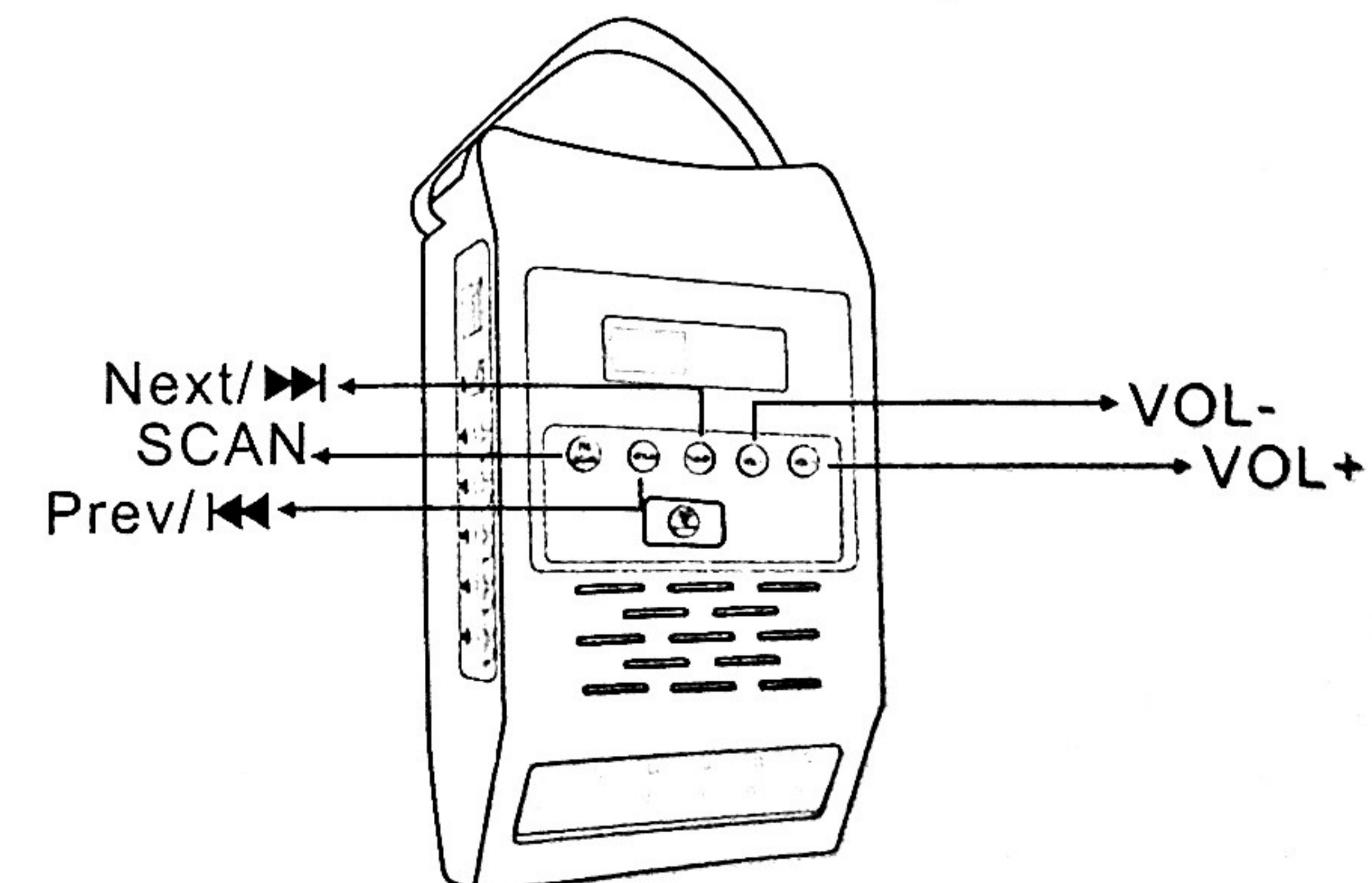
Solar Home Lighting System User Manual

► OVERVIEW

1. Lighting



2. FM Radio version for option



Solar Home Lighting System (SHLS) is a portable DIY power system which integrates lighting & cell phone charging & FM Radio for option in an device. This system is ideal solution for off-grid areas.

Specification & part list

1 X solar panel	8W/9V with 5M cable
1 X control box	with 6.4V/6.0Ah LiFePO4 battery
4 X bulbs	4x2W bulb with 5M cable
1 X wall light	12PCS LED
1 X 5-IN-1 charging cable	Micro USB, Mini USB, Nokia small pin, TYPE-C, Samsung D800

Charging time & working time

Charging time	AC adapter	9H
	Solar panel	6-7H
Working time (on full battery)	1 bulb	18H
	2 bulbs	8 H
	3 bulbs	5 H
	4 bulbs	4 H
	Wall light(Low)	65 H
	Wall light(Medium)	32 H
	Wall light(High)	15H
FM Radio option	Radio(Max VOL)	10 H

► OPERATIONS

1. Turn On/Off

Press the On/Off button for some seconds.

2. Dual way of charging battery

1) Solar Panel Charging: connect the solar panel cable to the port(black) ☼ on the control box, then place the solar panel where can receive the strongest sunlight.

2) AC charging for option: connect the adapter to the port (black) ⚡. To avoid the damage caused by high voltage.

Remind:

- 1). Keep the control box in door when charging.
- 2). The battery indicator will dynamic flow when charging. When battery fully charged, 4 chips will be on.
- 3). Charging efficiency indicator: sun power indicator shows the current solar charging efficiency. More lights on means better efficiency. If only 1 light on in sunny weather, please check if the panel is placed correctly.

► FUNCTIONS

1. LED Lighting

Connect the bulb and cable, then insert to the port(yellow) ⚡ on the control box, the light can be controlled by switch on each cable.

2. Wall Light

Press the ON/OFF button then the wall light will be ON.

3. Cell phone charging

Insert the charging cable to USB port, 2 USB ports both for charging mobile phones or drive other 5V devices like MP3, MP4.

4. 📺 FM Radio for option

- 1) Press the "FM Scan" button to select the available channels when the radio is on .
- 2) Press ◀TUN or TUN▶ to switch between previous and next channel
- 3) Long press VOL- or VOL+ to adjust the volume