

Compact size Luz Solar for charging the mobile phone



January, 2015

Kens.co

Tosu, Japan

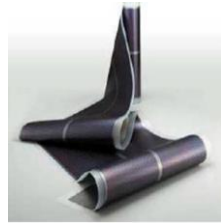
What is Compact size Luz Solar?

1. Features of Luz Solar?

Luz Solar is flexible and thin-film type solar panel with the following advantages.



Super Lightweight
& Thin-Film



Flexible



Washable



Windable



Robust

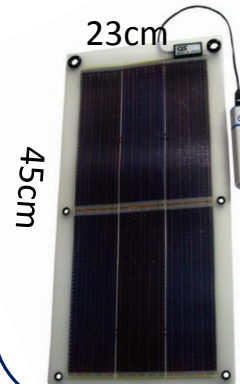
2. Compact size Luz Solar

Compact size Luz Solar is wearable and superlight weight (solar panel 100g + battery 65g) that is specially designed to charge the mobile phone.

Even while you are walking, the battery in your pocket can be charged by the solar panel put on you back.

It is very convenient to use your mobile phone in the villages without access to the grid.

Compact-size Luz Solar



Latium Ion Battery

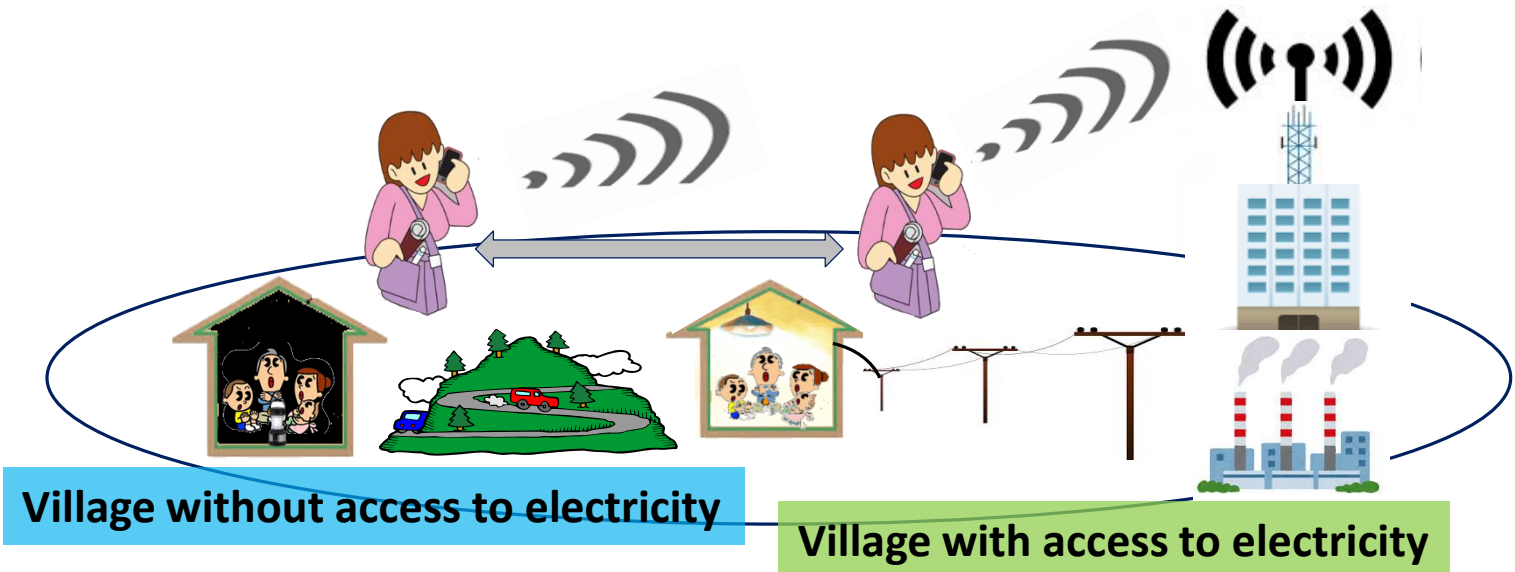
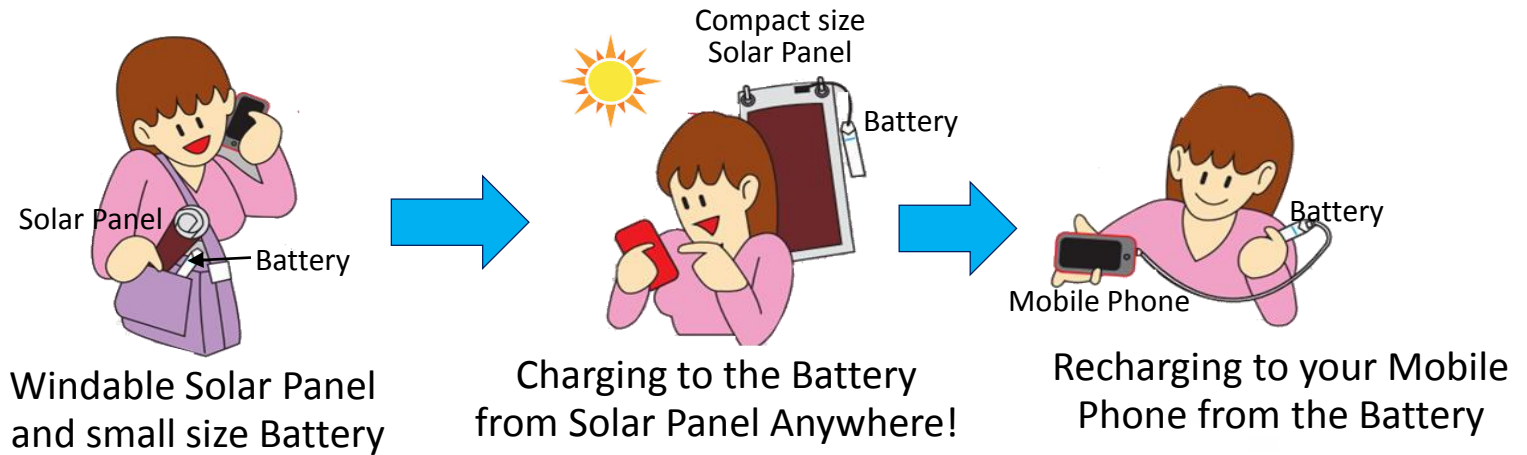
- 2600mA/3.7V
- Length: 10cm
- Weight: 65g

Solar Panel

- Capacity: 4.2W(18V)
- Thickness: 2mm
- Weight: 100g

2. Special Design for Charging Mobile Phone

Compact size Luz Solar is designed to charge the mobile phone and you can charge your mobile phone even when you visit the villages without access to electricity.

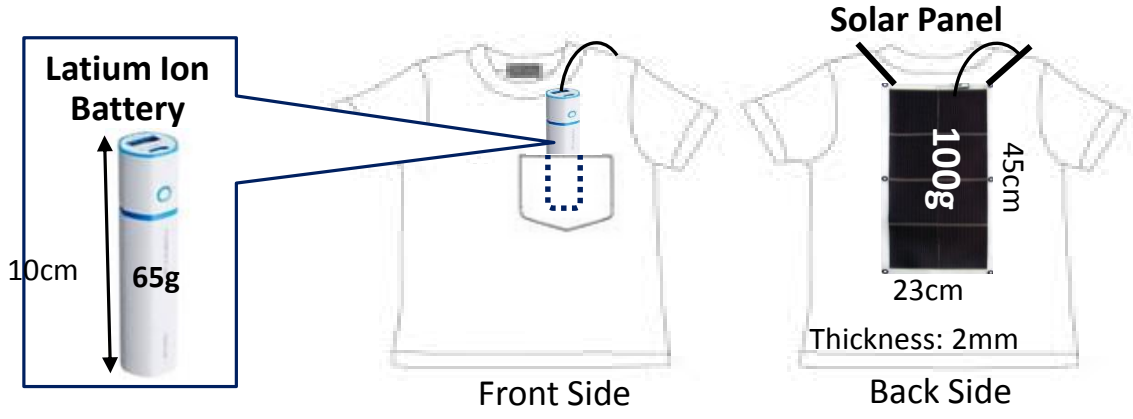


3-1 Advantage-1: Charging while Walking

Luz Solar is wearable and can be charged while walking during your transportation.

(1) Wearable

Solar Panel can be put on your back and Battery can put in the pocket.



(2) Charging while Walking

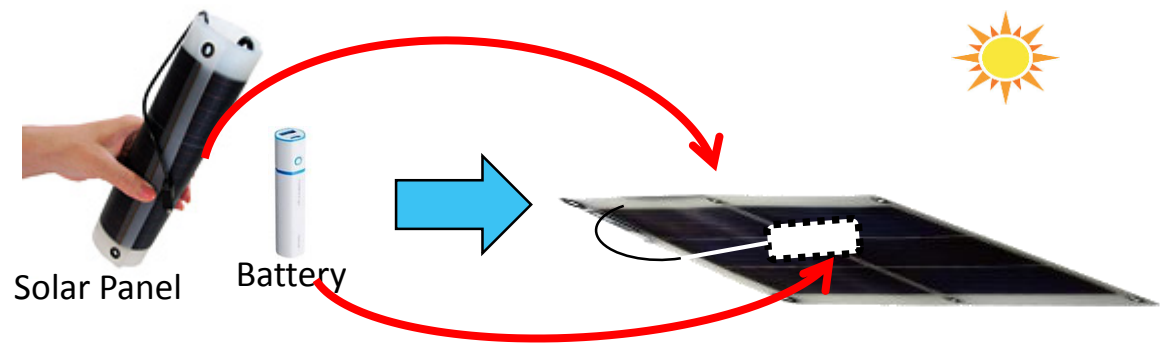
Compact size Luz Solar can be charged while walking during your transportation.



3-2 Advantage-2: Charging on the Ground

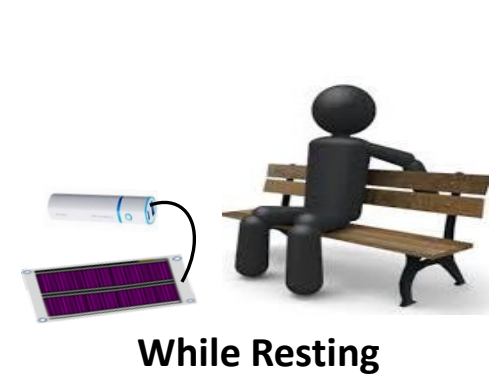
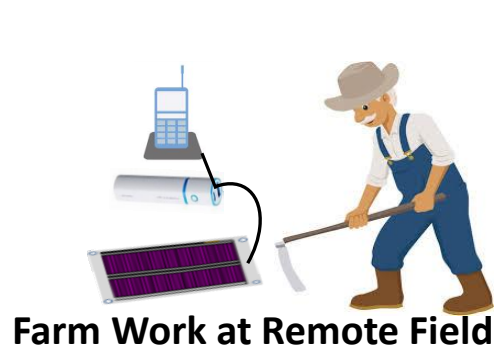
Luz Solar can be charged on the ground during working or taking rest.

(1) Charging on the Ground



Note: When charging on the ground, please put the battery under the solar panel.

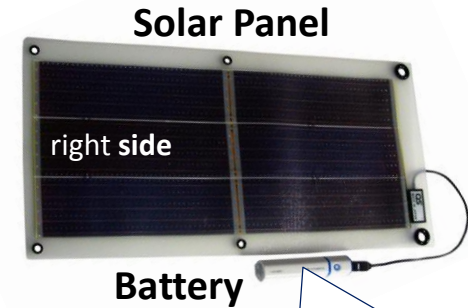
(2) Charging during your Work or Rest



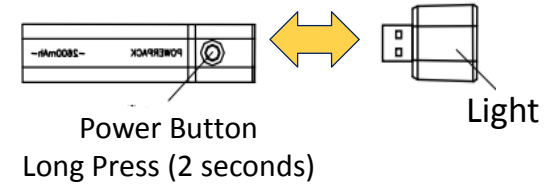
4. Specifications of Compact Size Luz Solar

Solar Panel

Material	Amorphous Silicon
Output Power	Max. 4.2W/DC5V (MicroUSB)
Dimension	L454m x W228mm
Thickness	2mm (except Joint Box)
Weight	About 100g
Operation Temperature	-20°C~60°C
Waterproof	IP13 (except connector)



Battery can be also used as the light.



Battery

Material	Lithium Ion Battery
Battery Capacity	2600mAh / DC3.7V
Output Power	DC 5V/1.0A (max)
Full Charging Time	Form Solar Panel: 5 hours From USB: 5 hours
Using Time of Light equipped	12 hours
Dimension	W25.8mm x H100mm x D24.8mm
Weight	About 1000g
Operation Temperature	5°C~35°C
Battery is not waterproof	

Option

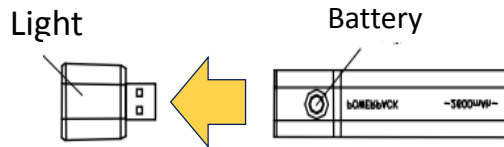
Battery for SmartPhone

Lithium Ion Battery
Capacity: 5000mAh
Size: W100xH180xD40mm

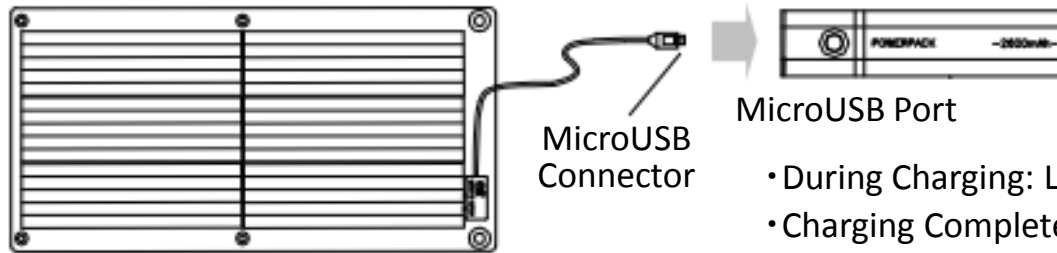


5. How to Charge the Battery

For charging, the Light should be removed from the battery.

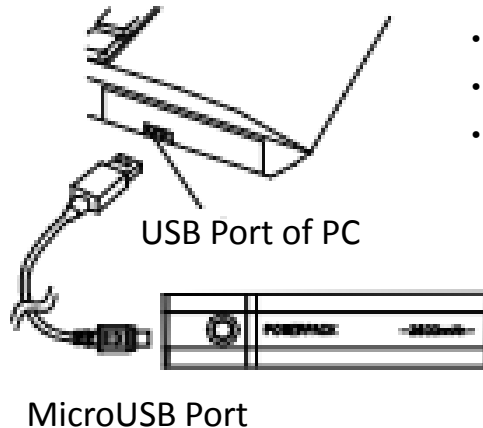


(1) To Connect MicroUSB Connector of the Solar Panel to MicroUSB Port of the Battery

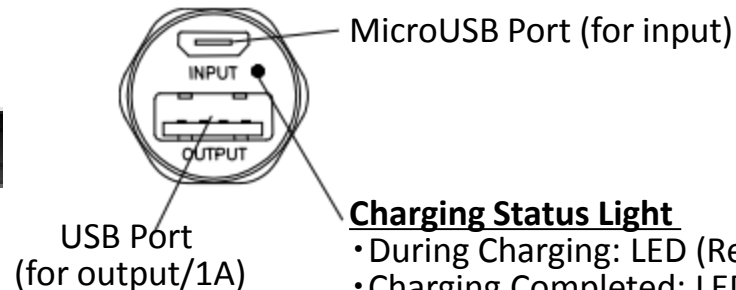


- During Charging: LED (Red) is ON
- Charging Completed: LED (Red) flickers
- Full Charging Time: About 5 Hours

(2) To Connect USB Port of PC with MicroUSB Port of the Battery



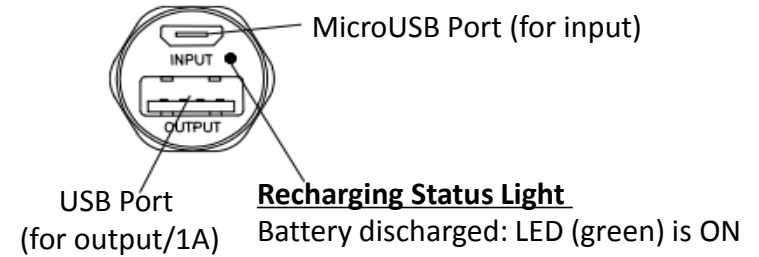
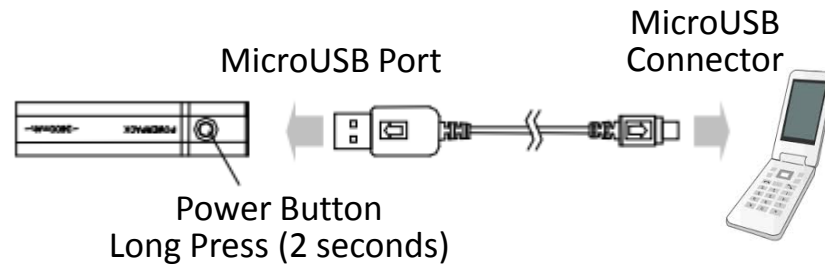
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- During Charging: LED (Red) is ON
- Charging Completed: LED (Red) flickers

6. How to Recharge the Mobile Phone

(1) How to Recharge the Mobile Phone



Start Recharging

- Connect the battery with the mobile phone
- Push the button of the battery (long press in 2 seconds) for Power ON
- Start the recharging the mobile phone after lighting LED (green)

After Recharging

- Push the button of the battery (long press in 2 seconds) for Power OFF
- Disconnect the battery with the mobile phone

(2) How to Use Battery Light

After long press of the power button, the Battery Light puts on.

