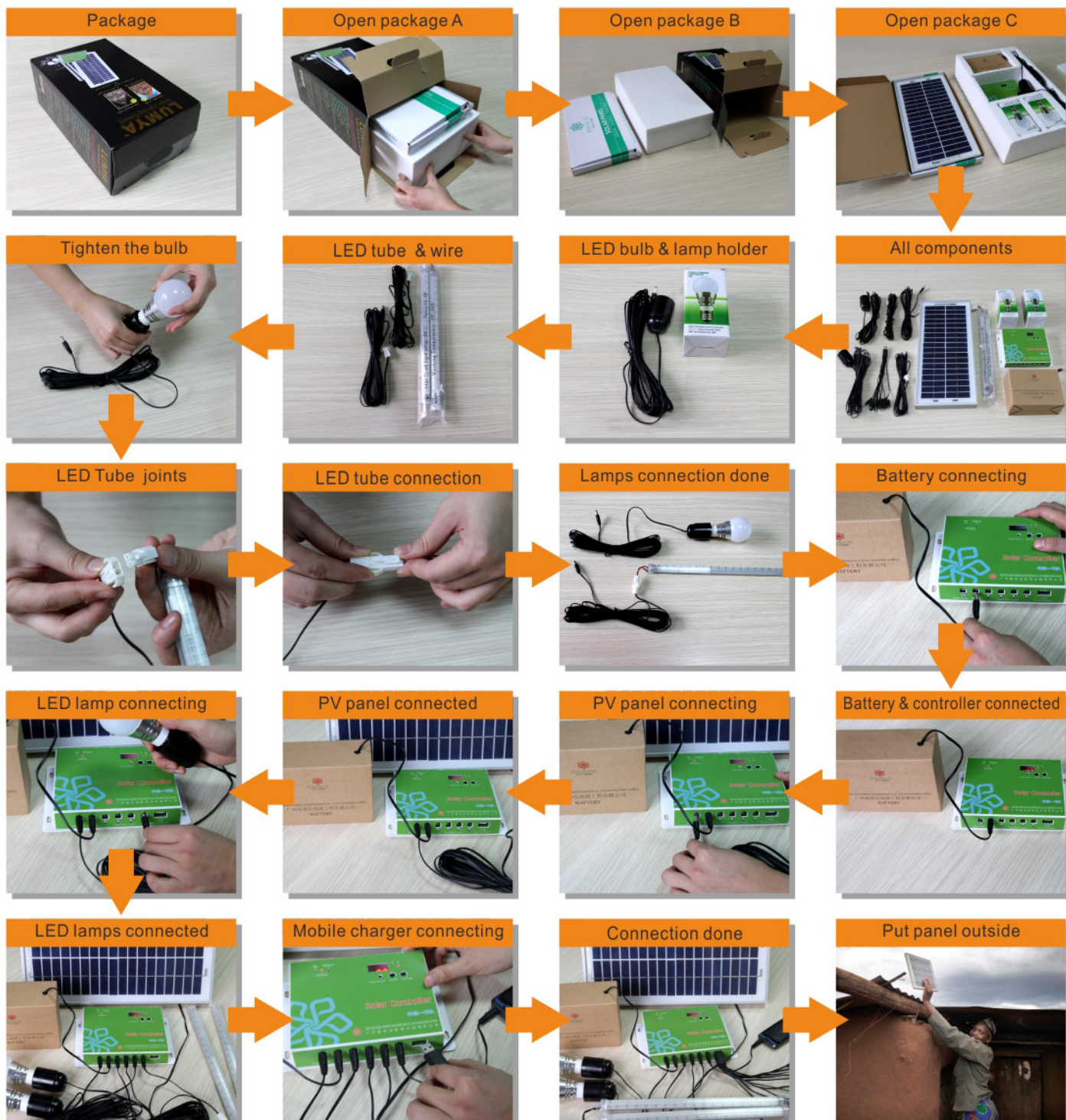




# Solar Lighting System Instruction Guidance



Face the sun directly.  
Keep clean against dust.

# MACHA

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## Features

- It is a cute gift suitable for anywhere under sunshine
- It is a full solar system, equipped with everything
- 2 LED bulbs (3w) & 2 LED tubes (3w) are lighting up your four rooms at night
- 12--15 years for Solar panel, controller, LED bulbs & tubes
- USB line, mobile charger accessible to all major mobile phone brands(6 types)
- 10 hours lighting with 2 bulbs, 5 hours with 4 bulbs

## Technical specification:

Components	Model		
	1 led light kit	2 led lights kit	4 led lights kit
Solar panel	1X 5Wp, Poly	1X 9Wp, Poly	1X16WP, Poly
Solar battery	1X Lead-acid battery 1.5Ah	1X Lead-acid battery 3Ah	1X Lead-acid battery 7Ah
Intelligent Controller	1X 10A		
LED bulb	1X 2.5watts	2X 2.5watts	2X 3watts
LED tube	-	-	2X 3watts
Tube/bulb cable	1X 5m	2X 5m	2X7m/2X5m
Solar panel cable	1X 7.5m		
Battery cable	1X 1.5m		
USB mobile charger set	1X with 10 terminals		

## PRODUCT LIFE TIME:

Solar panel: ≥15years

LEDbulb/tube: ≥25000Hours

Solar battery: ≥30monthes

Controller ≥12years

## PACKAGE

4 lights kit: 270mm\*170mm\*430mm, 5.6kg

2 lights kit: 270mm\*170mm\*430mm, 5.6kg

1 lights kit: 290mm\*250mm\*140mm, 4.3kg



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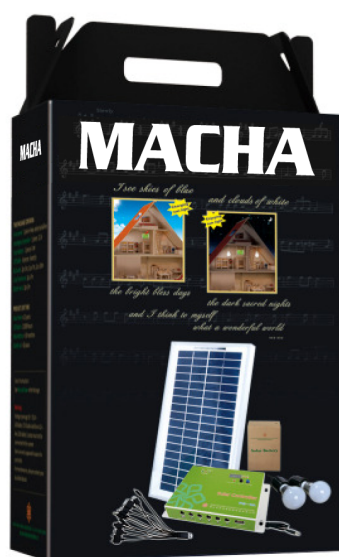
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## SOLAR LIGHTING SYSTEM—MACHA

All-in-one unit. Let solar power our life.



MASCHA —1 LED Light Kit

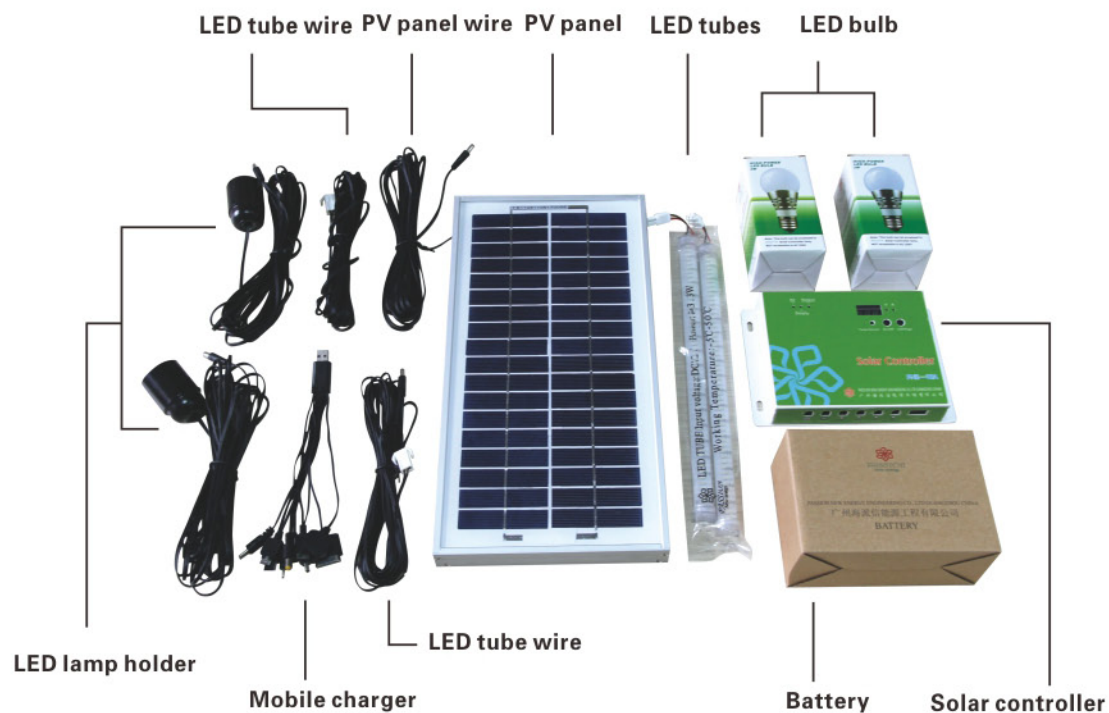


MASCHA— 2 LED Lights Kit



MASCHA—4 LED Lights Kit

# MACHA Series Product: Four light package. Model No. P-L4



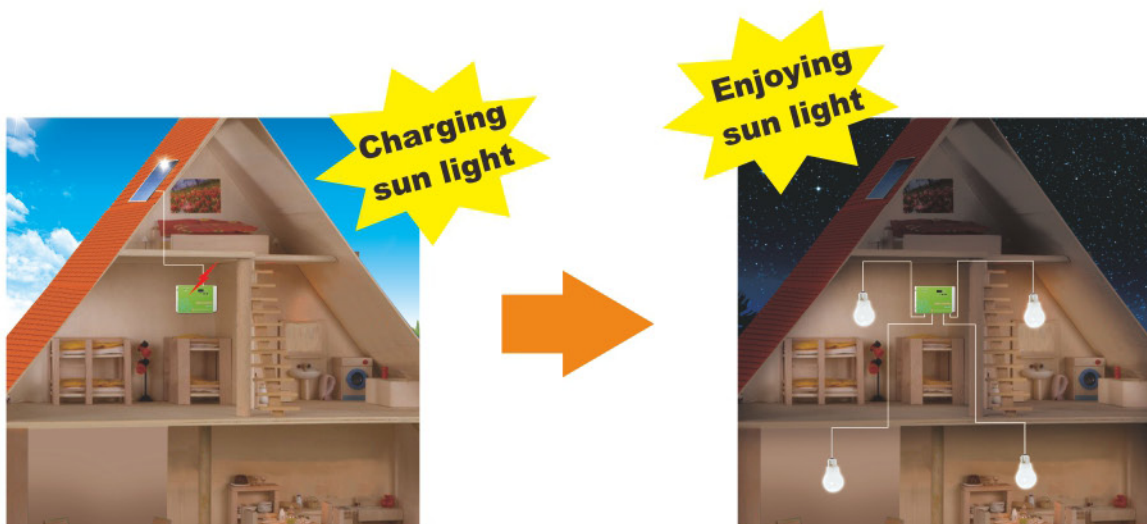
## THIS PACKAGE CONTAINS

Solar Panel: 1 piece 15wp, polycrystalline  
 Intelligent Controller: 1 piece, 10A  
 Solar Battery: 1 piece, 12V, 7Ah  
 LED Bulb: 2 piece, 3watt/p  
 LED Tube: 2 piece, 3watt/p  
 Bulb /Tube Cable: 2p x5m 2p x7m

Solar Panel Cable: 1p x7.5m  
 Battery Cable: 1p x 1.5m  
 USB Reel Cable: 1 piece  
 Mobile Charger Connectors (Fit to):  
 Sony-Ericsson, Samsung, Micro-USB, Mini and others

## PRODUCT LIFE TIME

Solar Panel >12 years  
 LED BULB >25000 hours  
 Solar Battery > 30 months  
 Controller >12 years



## WARNING

In case of rainy days or cloudy days when there is weak sunshine, the battery can not be charged quickly or fully as normal, so please try to reduce lighting hours or open less bulbs.  
 Do not force the system operating when the charging is not enough. Be patient to wait for one more day so as to collect enough solar power.

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