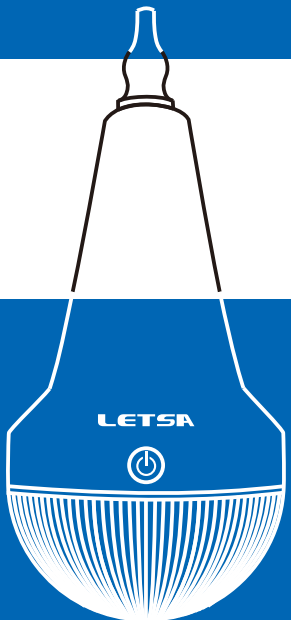
MANUAL BOOK



LED LAMP
SOLAR ENERGY SYSTEM

LETSA

SUPER EXTRA ENERGY SAVING

TYPE : LS0030/LS0031

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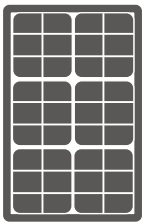
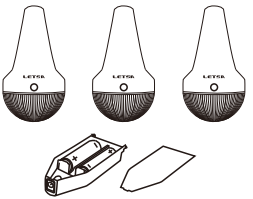
PACKAGE CONTENTS

Solar Panel 17 WP

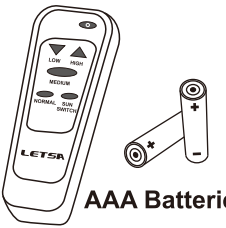


LED Lamp



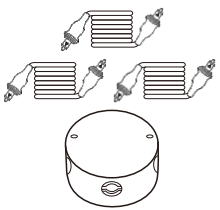
Lithium Ion Battery Included

Remote Control Lamp



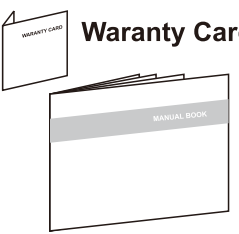
AAA Batteries

DC Cables



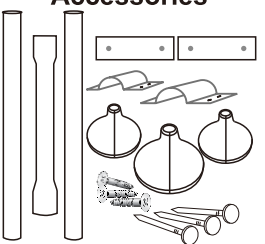
T - Connector

Waranty Card

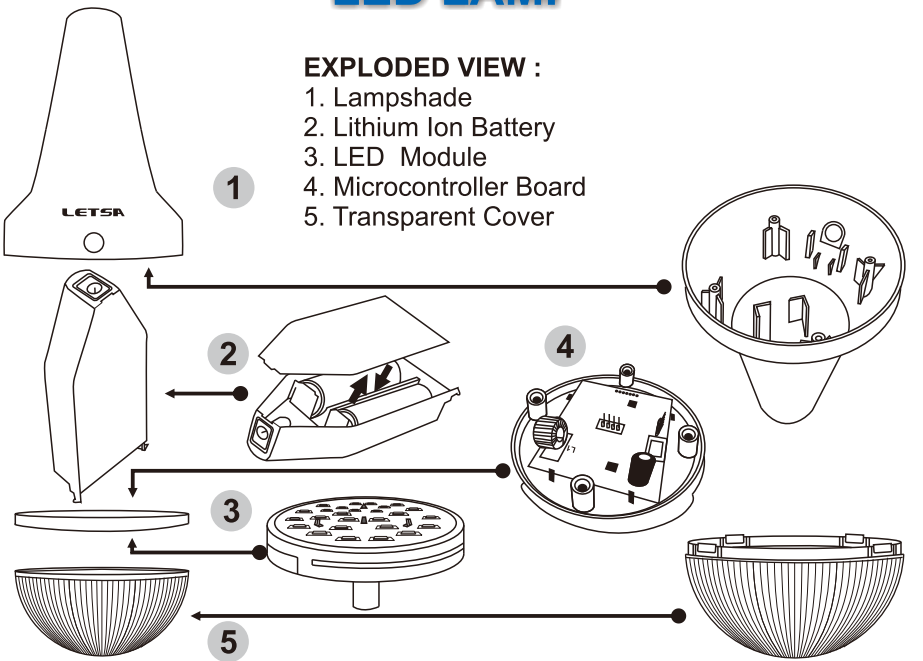


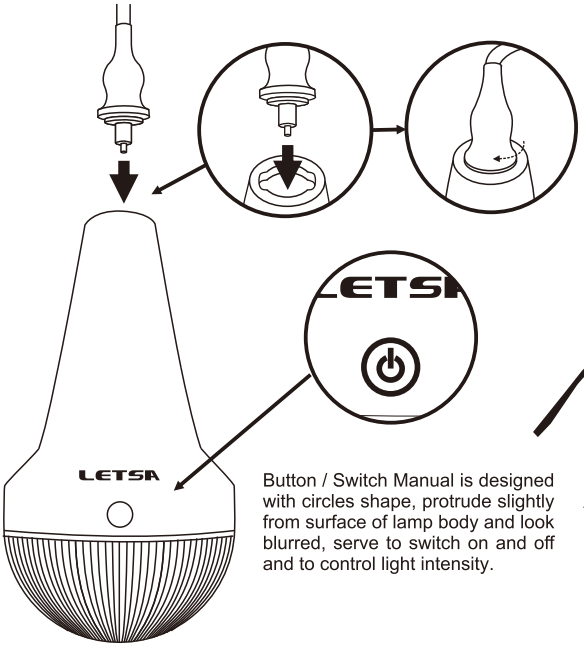
Manual Book

Accessories



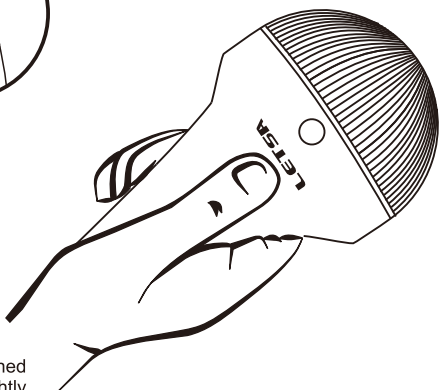
LED LAMP


EXPLODED VIEW :
1. Lampshade
2. Lithium Ion Battery
3. LED Module
4. Microcontroller Board
5. Transparent Cover
LETSA
1
2
3
4
5



Button / Switch Manual is designed with circles shape, protrude slightly from surface of lamp body and look blurred, serve to switch on and off and to control light intensity.

Rotate DC Cable ± 90º clockwise to install and lock the DC Cable to LED lamp connector.

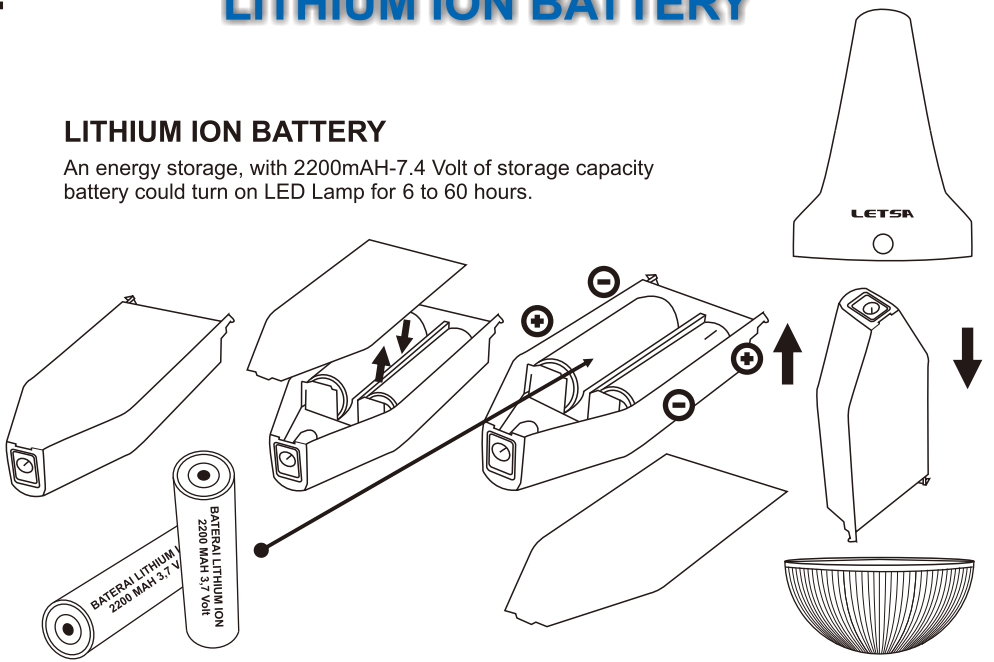


LED Lamp can serve as portable lamps which can be taken everywhere as long as has sufficient battery , with Button / Switch Manual.

LITHIUM ION BATTERY

LITHIUM ION BATTERY

An energy storage, with 2200mAH-7.4 Volt of storage capacity battery could turn on LED Lamp for 6 to 60 hours.



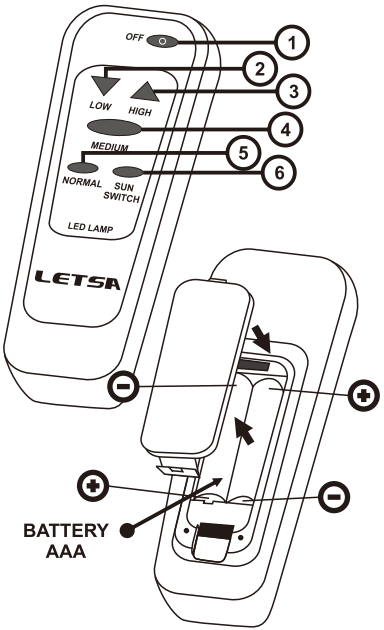
REMOTE CONTROL

REMOTE CONTROL

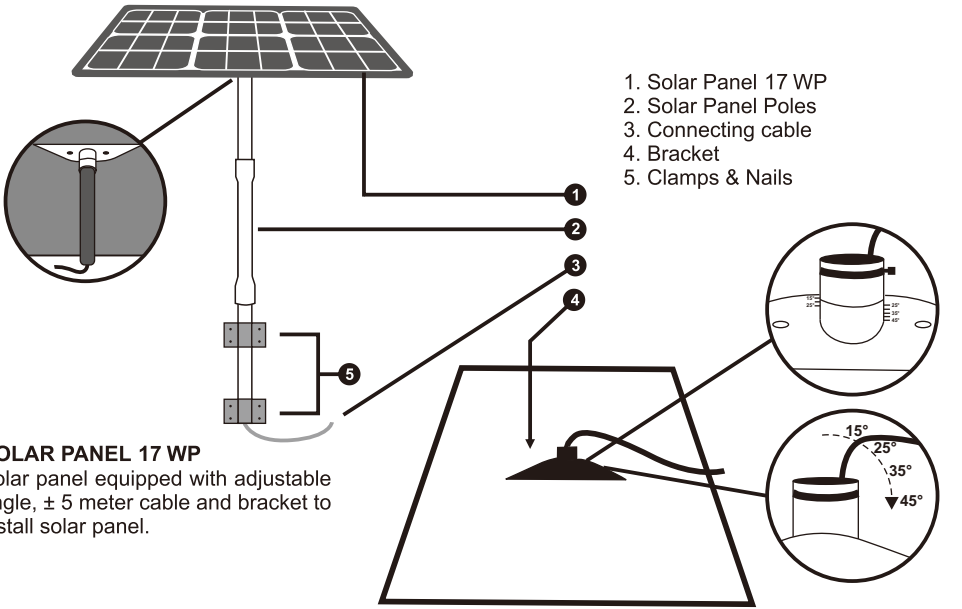
To switch on and off the lamp. Control Lumen (High), Medium, Low from a distance, by pressing the button as per user's need.

REMOTE CONTROL KEY FUNCTIONS

1. Power buttons to switch off the lamp.
2. Low button to turn on the lamp with dim light.
3. High button to turn on the lamp with brightest light (press High button and hold for 2 second to turn on the lamp directly on high position, minimum battery capacity at least 50%).
4. Medium button to turn on lamp with moderate light.
5. Normal button for setting non automatic lamp.
6. SUN Switch will automatically switch on the lamp at night and switch it off in the morning.



SOLAR PANEL



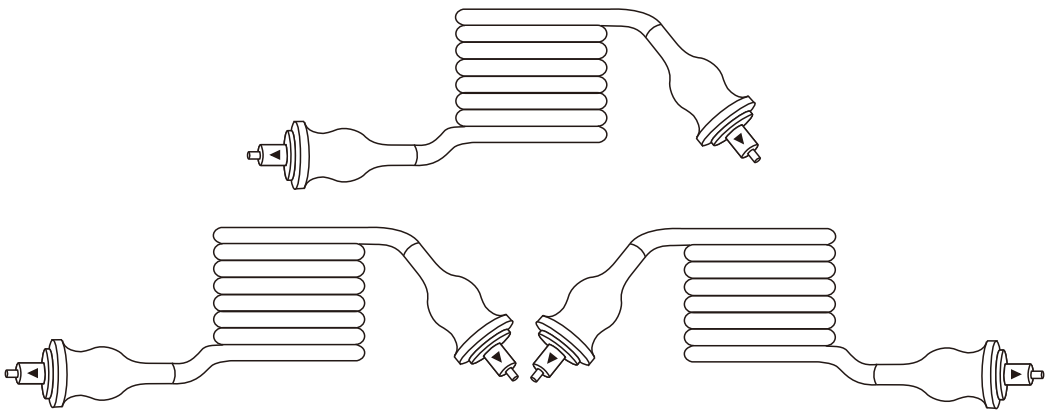
1. Solar Panel 17 WP
2. Solar Panel Poles
3. Connecting cable
4. Bracket
5. Clamps & Nails

SOLAR PANEL 17 WP
Solar panel equipped with adjustable angle, ± 5 meter cable and bracket to install solar panel.

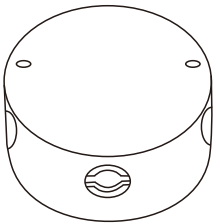
DC CABLES

DC Cable

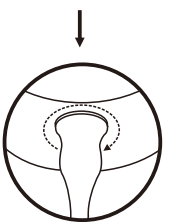
Equipped with ± 5 meter cable wich use plug and play system to make lamp installation easier.



T - CONNECTOR

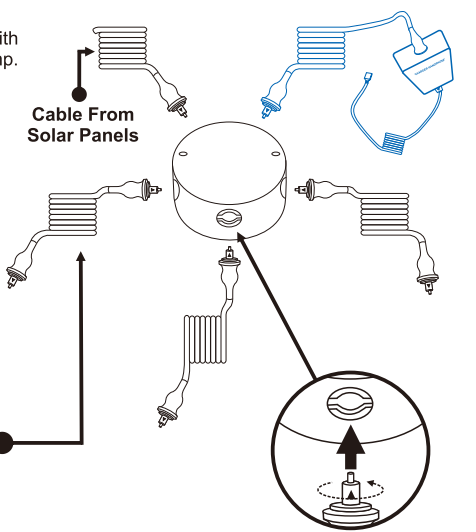


Position of DC Cable
wich has entered
into T-Connector.



T-CONNECTOR

Plug and play connection box with additional station to add LED lamp.

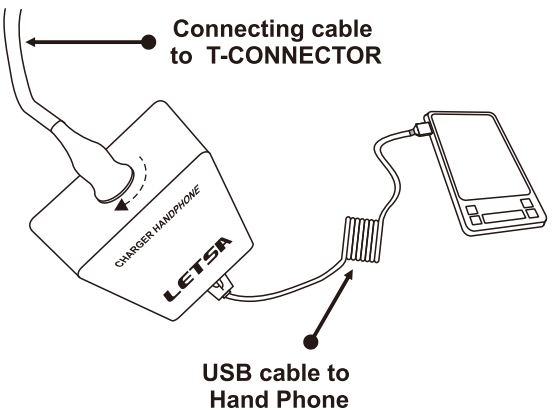


OPTIONAL

CHARGER HANDPHONE / POWER BANK

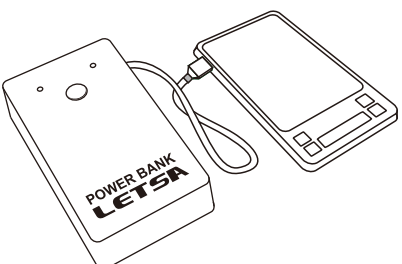
HANDPHONE CHARGER

As mobile phone charger. Current source from Solar Panel with output USB socket, 5 Volt - 500 mA.

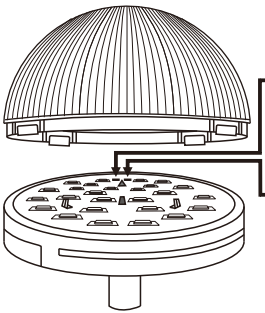


POWER BANK

Power Bank is a handphone battery charer with the source of current being the solar panel. It is fitted with a USB socket, 5 Volt - 500 mA, and is also equipped with an internal battery power bank so that the handphone can be charged at night time without sunlight



LED INDICATOR



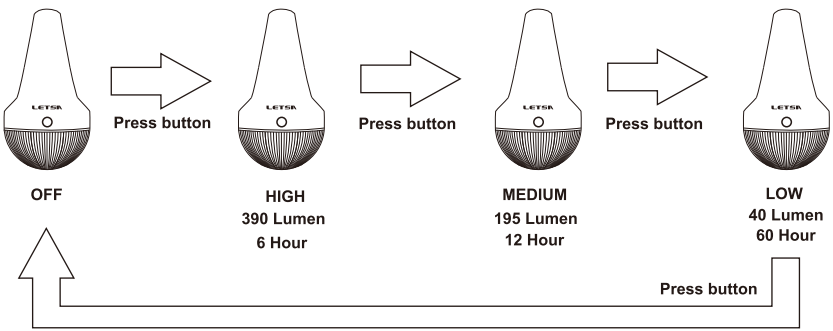
Red LED Indicator
- An indicator of battery voltage with Low position.
- An indicator of battery charging.

Blue LED Indicator
- An indicator of battery voltage with High position.
- An indicator of Sun Switch.

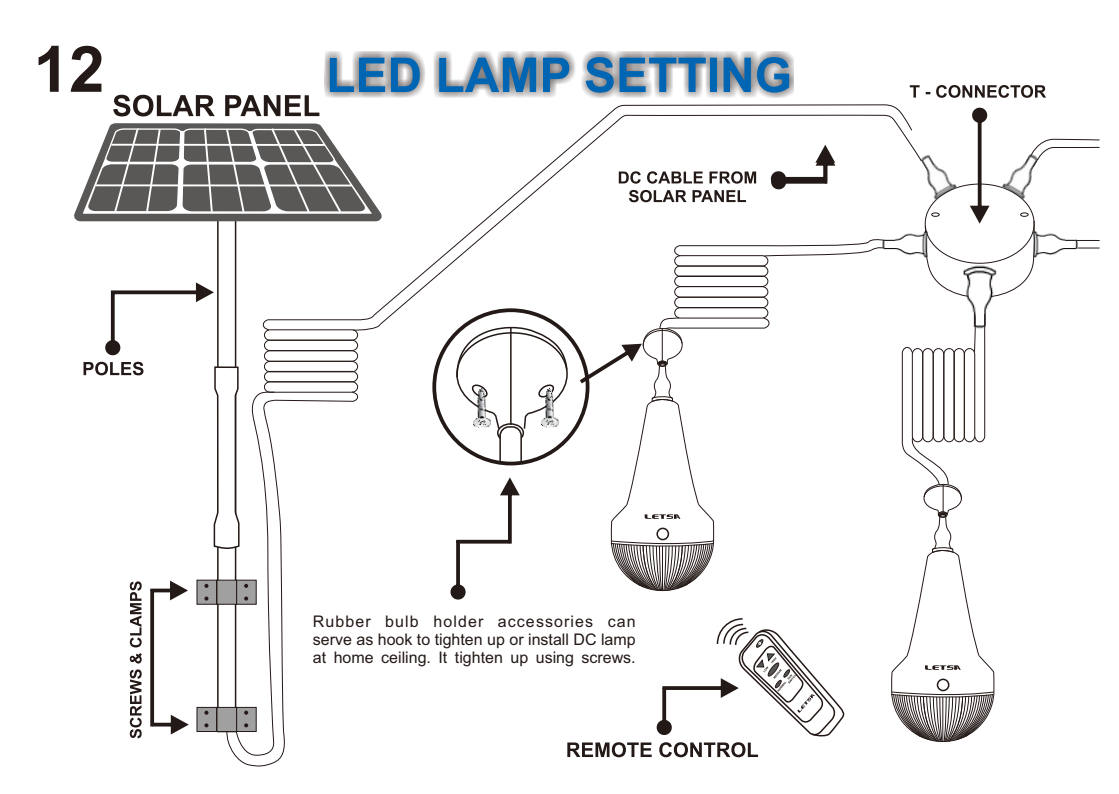
INDICATOR	RED LED	RED & BLUE LED	BLUE LED	DESCRIPTION
Battery	5.6V to 6.5V (light up 1.5 sec) LOW	6.6v to 7.0v (light up 1,5 dtk) MEDIUM	7.1v /More (light up 1,5 dtk) HIGH	LED light indicator lights up accordance to High, Medium, and Low position. LED are lit shortly after power button is pressed.
Charging	flashing 2x continuous	-	-	-
SUN SWITCH	-	-	flashing 1x continuous	Manual button is pressed 2 sec
Damaged Battery	-	light up simultaneously (flashing continuous)	-	Note when there is a voltage of the solar panel's on/the sun shines
Shutdown	-	light up simultaneously	-	Manual button is pressed 6 sec

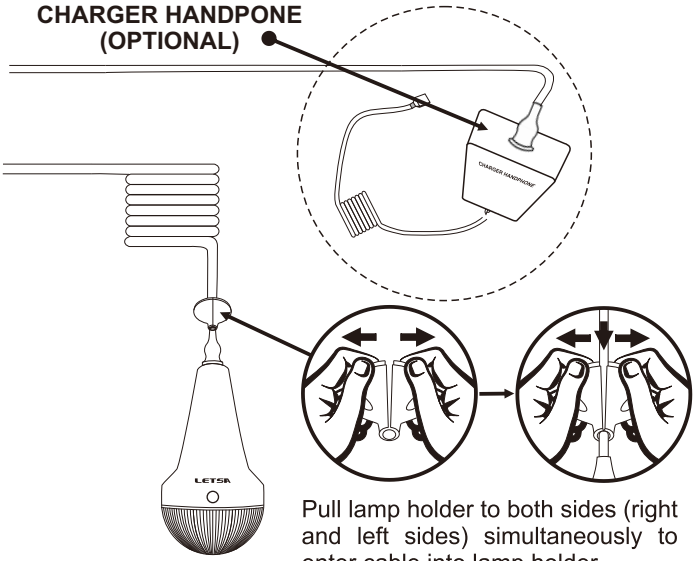
USER INFORMATION

BATTERY STORAGE CAPACITY 2200 mAH - 7.4 V

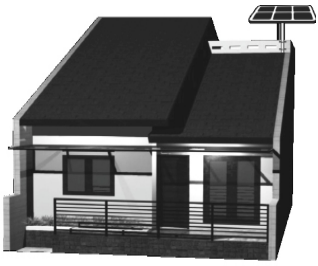


LED LAMP SETTING





Pull lamp holder to both sides (right and left sides) simultaneously to enter cable into lamp holder.



LETSA

SOLAR ENERGY SYSTEM

PT. KARYA ENERGI SEMESTA

MADE IN INDONESIA