

## Product Model

RS650

## Schematic



## General Description

This rechargeable lantern is powered by a built-in SLA battery and offers two lighting modes to suit different situations. The high power, energy saving LED helps ensure outstanding performance and durability. This lamp is an ideal choice for both traveling and domestic activities.

## Main Features

1. **Effective Lighting** 360 degree lighting and 1W LED lamp with light diffuser.
2. **2 Lighting Modes** Nightlight and Full Beam lighting modes for different situations.
3. **Handy** Easy grip, adjustable handle with hook.
4. **Over-charge and Over-discharge Protection** Ensures battery's long lifetime. \*

5. **Long Life and Environmental Protection** Free of replacement, efficient LEDs and rechargeable batteries help reduce waste and harm to the environment.
6. **Long Continuous Operating Time** Up to 6 hours continuous use on one charge.
7. **Charging Indication** Red LED indicates charging is in progress.

## Specifications

1. Input: 110 / 220VAC, 50/60Hz
2. Approx. charging time: 12hrs(220V input) or 24hrs(110V input)
3. Charging indicator: Red LED
4. Constant operating time: 6hrs (Full Beam lighting mode). \* \*
5. Light source: 1W high power LED and dual color standard LED
6. 1W high power LED:
  6. 1 Typical voltage: 3.4V; Forward current: 300mA.
  6. 2 Luminous flux: 70LM
  6. 3 Lumen maintenance exceeds 70% after 30,000 hours (300mA, T=25°C).
7. Dual color standard LED:
  7. 1 Red: charging is in progress.
  7. 2 Yellow: Nightlight lighting mode.
8. Built-in battery: Sealed Lead –acid, 4V, 700mAh, 500 times.
9. Switch: full beam On / night light On / Off
10. Maximum Size: 120 x 120 x 232mm
11. Material: PS
12. Weight: 450g
13. Colors Available: Yellow+Black / Green+Black

\* *Over-discharge Protection is only for the Full Beam lighting mode.*

\* \* *Camelion 2012 lab tests on the Full Beam lighting mode, the high power LED will turn to flash automatically when the battery voltage is down to Over-discharge Protection voltage. LED brightness will attenuate when battery power is weak.*

## Cautions

- To avoid burning the LED bulb or other components please do not use when charging.
- Keep away from flammable materials when charging.
- To prevent damage to the battery avoid placing the lantern in hot places.
- Recharge the unit fully every 3 months in order to maintain the battery life time(including during storage).
- Avoid looking directly at the beams as this may injure your eyes..
- Children should use the product only under adult supervision.