

# UNIVERSAL SLS WATERPROOF BOTTLE

## SLS = Solar Led Silicone

### Product Description and Usage

This ergonomically designed, Eco-Friendly, portable Silicone bottle can use either solar energy or D.C. electric power from any Device with a USB Output (cable is included with the bottle) to recharge its built-in battery). Available in 5 soothing colors, it can be used as a camping lantern, emergency light source, waterproof storage bottle, pathway lighting, mood-enhancing decorative, table, party, garden or children's night light. It is an affordable, fun, practical and useable light that never requires batteries or replacement bulbs. For travel, camping or hiking it can be collapsed and folded into a neat foldable, lightweight package and is fitted with a detachable strap for hanging or carrying as a portable lantern.

### Product Functions and Features

- 1) Lighting modes: High, Low, Flashing, Off
- 2) Output: 100 Lumens on High power, 50 lumens on low power
- 3) Waterproofing: IP66
- 4) Ideal Floatable, protective waterproof storage container for First-Aid or Survival Kits, electronic items, phones, lighters, etc.
- 5) Back-Up power outage lantern, or designed to be used in flashing mode as vehicle hazard warning, or signalling device.
- 6) Its lightweight, Compact, unbreakable design and folding ability makes it ideal for Travelling, hiking, mountaineering, caravanning, camping, boating and marine use.

### User Operating Instructions:

#### SWITCH OPERATION

Use and control the light by pressing the switch through 4 sequential modes:  
A) On High Mode, B) On Low Mode, C) On Flashing Mode, D) Off.

#### HANGING OR SUSPENDING THE LIGHT

The hanging/ carrying handle has a Quick-Detachable, Snap-On, snap- Off capability so can be easily detached and re-attached to hang or carry.

#### SOLAR CHARGING

Detach the handle so it does not obstruct the Solar Panel and Face the Solar Panel directly towards the sun, or towards the sun's optimum midday position.

The Red LED which indicates it is charging will change to Green when fully charged.

Note: If only charged by Solar Energy every day, using the High mode (50 Lumens) will allow for approximately 2 to 3 hours use per night.

If longer run time is needed, then supplement Solar charging with USB charging as below and which is much quicker, and by which a full charge may be achieved in approximately 5 hours.

The Red Led which indicates it is charging will change to Green when fully charged.

#### USB CHARGING

Unscrew and remove the Lid of the bottle. A rubber cover protects the Micro USB input, which is exposed by unhinging the cover. Connect the supplied cable between this Micro-USB Input and a USB Output (as found on many devices such as computer's, Hi-Fi's and in motor vehicles etc.) A full charge may be achieved in approximately 5 hours, allowing approximate usage of 5 hours on High mode and 12 hours on Low Mode. The Red LED which indicates it is charging will change to Green when fully charged. After recharging is completed, disconnect the cable and replace the lid.

## TECHNICAL SPECIFICATIONS

### 1) Lighting

Solar charge Input voltage V1 (750W/ m <sup>2</sup> )	V1≥5.5V
Output voltage V2 (Resistance 500Ω)	V2≥5.0V
Output current I (Resistance 500Ω)	I≥10mA
Input voltage	5.0±0.2V
Charging port	Micro USB port
The Max. Luminous Flux of high-brightness	≥100Lm
The Max. Luminous Flux of low-brightness	≥50Lm
High-brightness lighting time after being charged fully	≥5 hours
Low-brightness lighting time after being charged fully	≥12 hours
The Max current when charging	≥180mA
Fully charged time by external power adapter	3-6 hours
The whole unit	≥3 Years
Product size	Φ75.5*30 mm
Product weight	68 g
Specification of built-in battery	1000mAh/3.7V Lithium polymer battery

### 2) Bottle

Lifespan	3 years
Material	PP + Silicone
Surface	Glaze
Size	Φ100mmx153mm
Weight	125g
Capacity	700mL

### CAUTIONS:

- 1) To prolong battery life, ensure the lamp is fully charged at least every six months.
- 2) Do not store the bottle for long periods in high temperature and humidity areas. Avoid storing the bottle in areas which may exceed 60 Degrees Celsius.
- 3) Do not use corrosive liquids to clean the bottle or lid, use only a damp cloth or mild detergent.
- 4) In solar charging the temperature of the bottle will rise and it may become slightly warm.
- 5) The manufacturer reserves all rights in improving or altering specifications as required.

