

Recharging the lantern

# RADIANCE R200

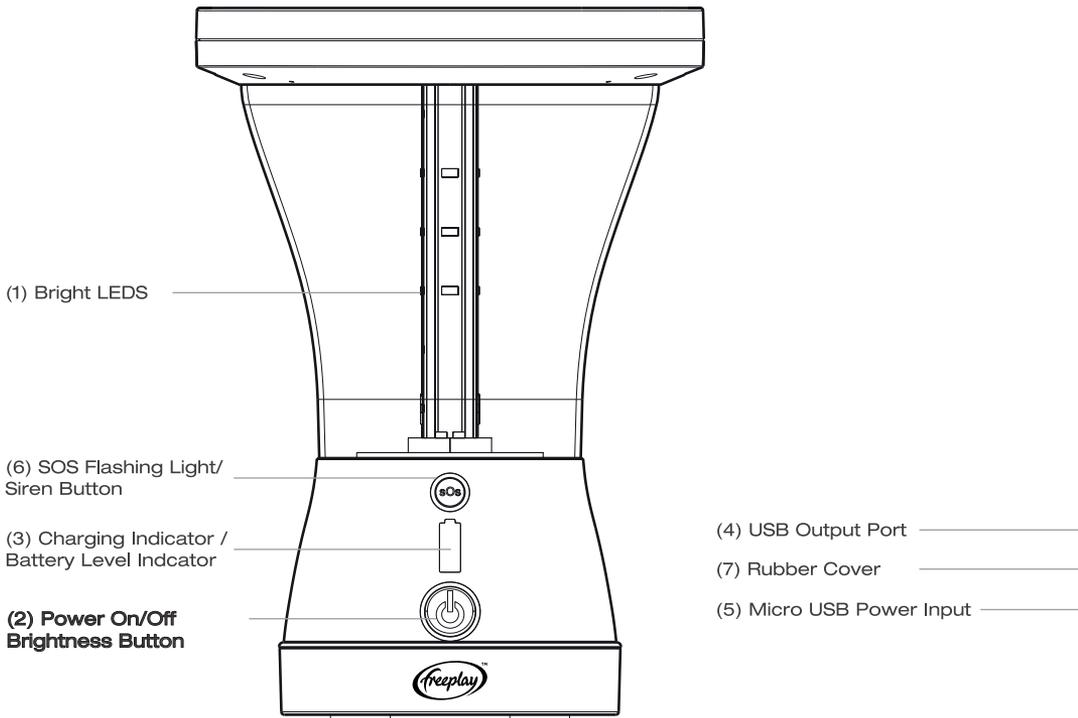
Solar-Powered Lantern



User guide / Instruction Manual

Please read the warranty information on the last page of this manual prior to purchase

# RADIANCE SOLAR-POWERED LANTERN



## How the lantern works

The solar panel on top of the lantern absorbs sunlight and turns into electricity. The rechargeable battery inside the lantern stores that electricity for later use.

The lantern has a number of bright LEDs (1) that produce the light. There are four brightness settings that select how much light is required. Each press of the power button (2) changes the light power and brightness. The brightness settings are reading-low-medium-max. The brighter the light, the more electricity is needed, and therefore the sooner the battery will be discharged.

A charging-indicator light (3) shines when the lantern is being charged. This also serves as a battery level indicator (3).

The lantern has a USB output port (4). This can be used to recharge USB-compatible mobile phones, flashlights and radios.

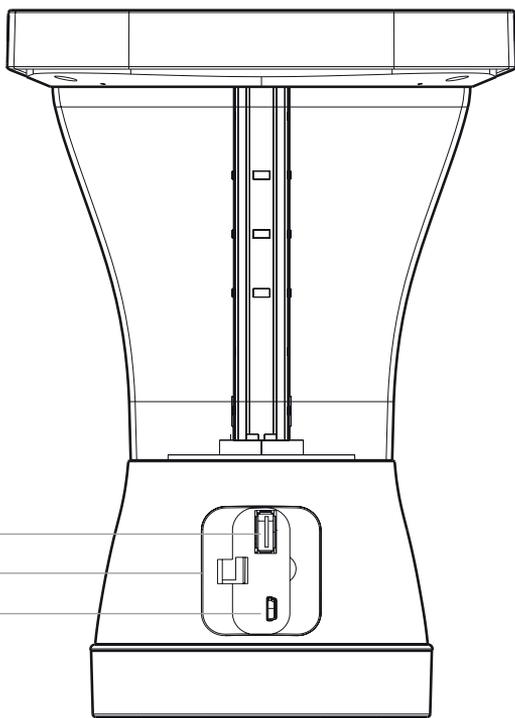
There is a micro USB power-input (5) that allows the lantern to be recharged from a USB cable.

The lantern has a light-flashing function operated by press-button (6) to attract attention in an emergency. In some versions this is connected to a siren.

The lantern is water and dust resistant with an IP rating of IP53.

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(8) Carry Handle



## Recharging the lantern

Place the lantern in the sun. For the best results, the solar panel should be pointed directly at the sun, and this may require the lantern to be tipped at an angle especially in the early morning and late afternoon. The lantern is water resistant but should not be left out in the rain.

The lantern has a micro USB port (5) under the rubber cover (7). This may also be used to recharge the lantern battery. After use, this rubber cover should always be kept firmly closed.

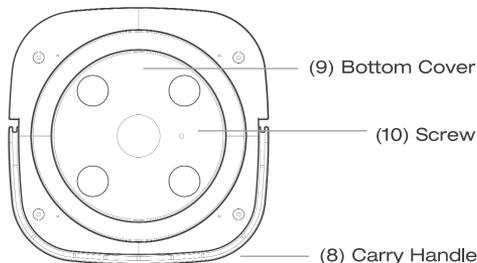
The charging light (3) will shine when the lantern is being charged, and the battery level will show (3).

## Using the lantern

The bottom press-button (2) turns the lantern ON and OFF. It also adjusts the brightness of the light. When this button is pressed the battery level (3) is also shown.

The lantern may be hung by its handle (8), from a hook or placed on a table.

The top press-button (6) operates the flashing light. This is used to attract attention in an emergency. When pressed the light flashes (and if fitted, a siren sounds).



## Recharging mobile phones and other USB-compatible products

To recharge an external product there needs to be charge in the lantern battery. Check this by turning the lantern on/off (2) briefly.

There is a standard USB port (4) under the rubber cover. Plug in a USB cable and connect to a phone. After use, this rubber cover (7) should always be kept firmly closed.

## Replacing the battery

The battery is accessed by removing the bottom cover of the lantern (9). First remove the retaining screws (10) on the underside of the lantern. Then lift the cover off. The battery is now visible. Remove the clamp and unplug the battery. Reverse the process when fitting a new battery.

## SPECIFICATIONS

### Power

Battery Li-ion 3.7V	4800mAh
Integrated Solar PV panel	2 Watt

### Lighting

Light power (max setting)	2W
Light output (max setting)	200 lumens
Light output (medium setting)	100 lumens
Light output (low setting)	40 lumens
Reading light	50 lumens

### Performance (full battery)

Shine-time at max setting	8 hours
Shine-time at medium setting	16 hours
Shine-time at low setting	40 hours
Shine-time at reading light	30 hours

### Daily Solar Run Time

High	3 hours
Medium	6 hours
Low	15 hours

Charging mobile phones can reduce the daily runtime of lights.

### Features

Mobile Phone charging	5V 1A max
USB-DC recharging	Micro USB
Flashing light	Yes
Siren	Option
Number of LEDs	12
Weather and dust resistant	IP53
Customer replaceable batteries	Yes
Battery level and Charge indicator	Yes
USB cable and phone-connector tips	Option

## Freeplay Warranty

Freeplay Energy Ltd. undertakes that, if within 2 (two) years of purchase, this product or any part thereof is proved to be defective by reason of faulty workmanship or materials, we will, at our option, repair or replace the same free of charge for labour or materials on condition that:

The original invoice or sales document is presented together with the defective unit.

The complete unit is returned to the manufacturer or country distributor, postage paid. For further contact information please see below.

The unit has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by the manufacturer.

This warranty excludes damage caused by misuse or neglect.

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