

Dynamo camping lantern / SB-5029C

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CAMPING LANTERN WITH ALARM AND RADIO

This product adopts the principle of cranking for power generation. Crank the handle to drive the generator to generate alternating current by professional designed driving gear. Then change the alternating current into DC after commutating and voltage stabilizing which to charge its built-in battery.

Functions

- ▶ Lighting mode: Low brightness 3 LEDs for spotlight → High brightness 3 LEDs for spotlight → 10 LED lights for camping lantern → Off
- ▶ Cranking for power generation ▶ Charge the product with external 5 V power source
- ▶ Power bank function: charge mobile phone or digital products ▶ AM/FM Radio function
- ▶ Alarm function with SOS red light flashing
- ▶ Power bank switch design, good for store power and control output

Feature

- ▶ Dynamo generate: green, environmental protection, economy and security
- ▶ 3 LED high brightness illumination in the head, meet demand of long, middle and short lighting. The middle lighting (10 straw-hat lights) can light large area
- ▶ Using high-performance radio chip, AM/FM two wave band
- ▶ Cranking for power, lightweight, low noise, long lifespa ombination
- ▶ With hanging handle and rotating handle, convenient to carry
- ▶ Compact appearance
- ▶ Loud vioce

Main Technical Parameters:

1) Lighting:

The Max. luminous flux of spotlight	≥14Lm
The Max. luminous flux of lantern	≥32Lm
3-LED spotlight lighting time after 1 minute cranking	≥15Min
10-LED lantern lighting time after 1 minute cranking	≥6Min
3-LED spotlight lighting time after being fully charged	≥10Hr.
10-LED lantern lighting time after being fully charged	≥3.5Hr.
Alarm time after 1 minute cranking	≥3Min

Note: Lighting time testing standard is brightness down to 5% of open time's brightness.

2) Parameters of external power source:

Input voltage/current	5V/500mA
Fully charged time by external power	2.5-4 Hr.

3) Parameters of charging for digital devices:

Output no-load voltage	5.1±0.2V
Rated output current	450-500mA

4) Main radio parameters:

Sensitivity of the FM	Better than 76 dB
FM -30DB noise-limited sensitivity	Better than 20 dB
Sensitivity of the AM	Better than 95 dB
AM -20DB noise-limited sensitivity	Better than 92 dB
Reception scope of the FM	87.3-108.2 MHz
Reception scope of the AM	522-1620 KHz
The audio frequency output power	≥150mW
Radio working time after 1 minute cranking(moderate voice)	≥6min
Radio working time after full charge	≥10hr.

5) Main parts life-span:

The whole unit	≥5 Years
The plastic part	≥5 Years

6) Size and Weight:

Product size	Φ96*195 mm
Product weight	360g

7) Others:

Specification of built-in battery	1000mAh, 3.7 V
Motor	2.5W

Operation Method:

1. Lighting: Switch models: Low brightness 3 LEDs for spotlight → High brightness 3 LEDs for spotlight → 10 LED lights for camping lantern → Off
2. Charging operation:
 - 1) Charge its inside battery: hold the unit and crank the handle by the other hand at the speed of 3 circles per second to charge its inside battery. (Charge indicator will glow)
 - 2) Charged by external power source: plug in the 5V external power or connect computer via mini USB port to charge the product, the red indicator will glow while charging, when fully charged, the light turns green.
 - 3) Charge digital products: turn power bank switch to "ON", charge mobile phone or other digital products via USB cable.
3. Rotating handle: Hold and press the cylinder-shaped button on handle side and rotate the handle vertically. Then release the button fixed.
4. Radio: Turn the volume switch clockwise to turn on the radio and amplify the volume. Push the "FM/AM Switch" to find the wave band which you want. Turn the "tune knob" to select station. Turn off the radio: turn the volume switch anticlockwise to turn it off.
5. Alarm: Push the switch to open the alarm, and the red flash will light.

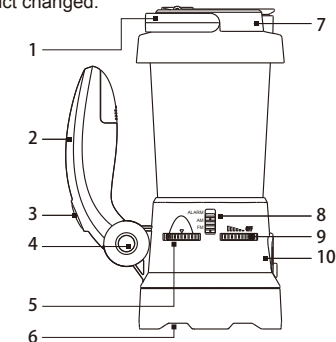
Note:

1. It is advised to turn the volume to the optimal position (be comfortable) when you listen. It will be anamorphic if the sound is too loud.
2. Avoid places like high building, basement, etc as possible as you can, such places will badly influence the effect of the reception. Leave far away from the induction cooker, fluorescent lamp, car generator, motor, computer or such electrical equipment that may disturb the signal easily.
3. When you listen to the radio, if you open the flash light, radio will stop working. And if you want to charge mobile phone, please turn off the volume switch.

Cautions:

1. Don't point at eyes directly so as not to hurt the eyes.
2. Pay attention to the holding gesture when cranking which can protect your finger and nail from hurting. Keep rotating steadily.
3. In order to assure the using life of the battery and the mechanical parts, please pay attention to the instructions below: a) Do not crank it for more than 5 minutes when the power of the battery is enough (lighting normally) and less than 10 minutes when it runs out of power. b) When the light is dim, it means the battery is lack of power badly, please turn off the light or crank it for a while. c) Cranking it as even as possible (keep rotating steadily). Too slowly cranking would make current weak and influence the charging efficiency, too violent cranking possibly damage the driving system. d) In order to prolong the lifespan of the battery, you should crank it for at least one minute once a month.
4. Do not place this product in which temperature or humidity is high. Do not drop or hit this product.
5. Turn off the light when charging in order to enhance the efficiency of charging.
6. The product will be a little hot if cranking for a long time.
7. We do not give notice again if the parameter of this product changed.
8. We reserve the final right to interpret this product.

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|-------------------------|------------------------------|
| 1. Hanging handle | 6. Spotlight |
| 2. Rotating handle | 7. Crank handle |
| 3. Power button | 8. AM/FM/alarm select switch |
| 4. Rotating lock button | 9. Voice knob |
| 5. Tune knob | 10. USB |



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