

HILLTROLL



CL1 露营灯 用户手册

特性:

- 轻便小巧, 易随身携带
- 耐极寒设计
- 手感极佳的旋转开关
- 高显色指数
- 无频闪, 不伤眼
- 支持使用1节18650可充电锂离子电池, 或2节CR123A电池
- 防反接保护电路设计
- Micro-USB 充电接口, LED红/绿充电指示灯 (红灯为充电状态, 绿灯为满电状态)
- 低电量报警功能 (红灯闪烁)
- 25米照明半径
- 强磁底座, 并带有三脚架标准1/4英寸螺纹孔
- IP-65防水等级
- 三种功能模式: 白色照明, 红色雾灯和SOS求救信号

规格:

模式	亮度	续航时间(15~45°C)
白色:	1-350流明	18650:312~3小时/CR123A:198~2.5小时
红色:	60流明	18650:5.5小时/CR123A:3小时
SOS:	0-60流明	18650:13.5小时/CR123A:8.5小时

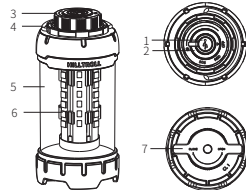
开关类型:	旋转霍尔开关
工作温度:	-37°C ~ 65°C
充电时间:	3~4小时
照明半径:	最大25米
跌落等级:	1.5米
防水等级:	IP-65
充电接口:	Micro-USB
尺寸:	55毫米*55毫米*135毫米
重量:	220克
电池:	1-18650/2*CR123A
材质:	铝/PC/橡胶
LED灯珠:	24个自然白+18个红色
外壳颜色:	军绿/沙漠黄/酒红/黑色
色温:	自然白 (4000K)

使用须知:

- 为了保护电池及高效充电, 充电前请先关闭露营灯。
- 如超过两个星期未使用本产品, 使用前请先充满电。
- 超过80摄氏度或低于零下40摄氏度的环境下有可能会损坏产品的塑料零件和电子元件。

产品示意图:

- 1.USB充电口防水塞
- 2.指示灯
- 3.旋转调光控制环
- 4.挂钩
- 5.灯罩
- 6.LED光源
- 7.电池盖



电池选用:

电池类型	尺寸规格	标称电压	是否可用	推荐
HILLTROLL	18650	3.6V/3.7V	推荐	✓
一次性锂电池	CR123A	3V	可用(无法充电)	✓
可充电锂离子电池	16340	3.6V/3.7V	禁止	✗
可充电锂离子电池	18650	3.6V/3.7V	谨慎使用 ¹⁾	!
可充电酸铁锂电池	16340	3.2V	禁止 ²⁾	✗
可充电酸铁锂电池	18650	3.2V	禁止 ²⁾	✗

警告: 1、请勿将不同种类、新旧的电池混合使用, 以免损坏电池或露营灯。

2、禁用如上标明“禁止”使用的电池通过露营灯进行充电, 否则可能引起爆炸!

¹⁾18650可充电锂离子电池(Li-ion)属于工业电芯, 并非有安全保障的民用电池, 当电池品质不良或使用不当(短路、高温等等)时可能发生火灾、爆炸并危及人身和财产安全, 若使用此电池种类应明白其中的风险并自愿承担相应的责任。使用品质优秀并带有保护电路的锂离子电池会在一定程度上降低风险。

²⁾18650/16340可充电酸铁锂电池, 不能在本产品上使用, 否则会损坏电池以及内部电子元件, 甚至引起爆炸。

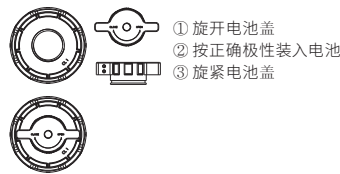
操作说明:

- 转动旋转开关到☀️打开白光, 在☀️和“OFF”之间顺时针转动为调亮, 反之为调暗, 转到“OFF”档位时, 关闭露营灯。
- 转动旋转开关到“RED”打开红色雾灯功能。
- 转动旋转开关到“SOS”打开求救信号。

充电说明:

- 使用任意合格的标准Micro-USB充电线即可为本产品充电, 当开始充电时, 指示灯显示红色, 充电完成后显示绿色。
- 露营灯在使用的时, 如果指示灯为红色并闪烁, 意味着电量不足, 请及时充电。
- 当充电完成, 请把橡胶塞塞紧, 以免进水或灰尘到露营灯内部损坏电子元件。
- 为了更快充满电, 建议使用电流大于1.5A的充电器, 请先关闭露营灯后再进行充电。

电池更换:



提醒: 如果您购买的是带有充电电池的型号, 首次使用时请先取下电池绝缘片。

产品组件:

1. CL1主机	1PCS
2. 电池盖防水圈	1PCS
3. 用户手册	1PCS
4. 保修卡	1PCS
5. Micro-USB充电线	1PCS
6. HILLTROLL 2600mAh可充电18650锂电池	1PCS

日常保养与维护:

- 定期清洁产品。
- 在清洁擦拭产品时, 请关闭露营灯。
- 请不要使用腐蚀性清洁剂清洁本产品。

保修条款:

• 15天包换: HILLTROLL产品售出15天内, 如果有任何质量问题, 客户均可向经销商要求免费更换。

• 2年免费保修: HILLTROLL产品售出2年内, 用户在正常使用情况下, 出现产品质量问题, 则享受免费维修服务。

• 终身有限保修: 超过免费保修时间后, MOOROL将提供有偿保修, 费用以实际更换材料费用为准, 不另收人工费。

免费保修不适用于以下情况:

1. 人为破坏、拆解、改装而造成缺陷或损害。
2. 因正常磨损而造成缺陷或损害。
3. 由于错误或粗暴操作而造成缺陷或损害。
4. 电池漏液或电池用错等导致产品缺陷或损害。
5. 其他人为因素和不可抗拒自然因素导致产品缺陷或损害。

产品注册:

注册您的露营灯可以获得额外的6个月免费保修期。

网站注册:

<https://www.moorol.com/support/product-registration/>

扫描二维码注册:



警告:

- 请勿直视高亮LED光源。
- 未成年人请在有监护人的情况下使用。
- 禁止使用一次性电池在本产品充电。

木楼科技

www.moorol.com

HILLTROLL



CL1 Camping Lantern User manual

Features:

- Perfect companion for the weight-conscious adventurer
- Cold-resistant design
- Rotary dimmer switch
- Flicker free
- High CRI
- Powered by one 18650 Li-ion rechargeable or two CR123A Lithium batteries
- Reverse polarity protection
- Micro-USB charging interface with indicator (red light stands for "being charged", and green light stands for "fully charged")
- Low battery indicator (Red light flashes)
- 25mm beam diameter
- Built-in magnet and tripod socket
- Waterproof to IP-65
- 3 Modes: White Lighting, Night Vision Red and Emergency SOS

Specifications:

Mode	Output	Runtime(15-45°C) Exploration
White Lighting:	1-350Lumens	18650:312-3h/CR123A:198-2.5h
Night Vision Red :	60Lumens	18650:5.5h/CR123A:3h
Emergency SOS :	0-60Lumens	18650:13.5h/CR123A:8.5h

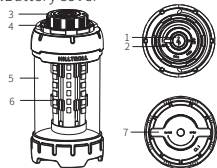
Type of Switch :	Hall Switch
Operating Temperature :	-37°C to 65°C
Charging Time :	3-4 hours
Beam Diameter :	25mm(Max)
Impact Resistance :	1.5m
Waterproof :	IP-65
Charging Interface :	Micro-USB
Size :	55mm*55mm*135mm
Weight :	220g
Batteries :	1-18650/2*CR123A
Materia :	Aluminum/PC/Rubber
LEDs :	24 pcs(Neuter White) + 18 pcs(Red)
Color :	Green/Yellow/Red/Black
Color Temperature :	Neuter White(4000k)

Precautions:

- Turn off lantern before charging, otherwise it can not be efficiently charged.
- If you have not used the lantern for more than 2 weeks, remember to recharge before reuse.
- Exposure of the unit to temperature over 80°C or below 40°C may damage the plastic case and electric components.

Function Layout:

1. Anti-dust plug
2. Indicator
3. Rotary dimmer switch
4. Handle
5. Diffuser
6. LEDs
7. Battery cover



Battery Specifications:

Type	Dimensions	Nominal Voltage	Usability	
HILLTROLL	18650	3.6V/3.7V	Recommend	✓
Non-rechargeable Battery(Lithium)	CR123A	3V	Usable	✓
Rechargeable Battery (Li-ion)	16340	3.6V/3.7V	Banned	✗
Rechargeable Battery (Li-ion)	18650	3.6V/3.7V	Cautions*	!
Rechargeable Battery (LiFeP04)	16340	3.2V	Banned ^[1]	✗
Rechargeable Battery (LiFeP04)	18650	3.2V	Banned ^[2]	✗

Warning:

1. Please do not mix old and new batteries, or mix different types or brands of batteries. This can cause rupture or leakage, resulting in personal injury or property damage.

2. Please do not recharge a battery unless it is specifically marked "rechargeable." Attempting to recharge "non-rechargeable battery could result in rupture or leakage."^[1]Please do not use and/or purchasing counterfeit and/or inferior quality batteries. These batteries have the potential to cause fire, personal injury, and/or damage to property.^[2]To avoid the potential dangers, please do not use 18650 or 16340 LiFeP04 rechargeable batteries.

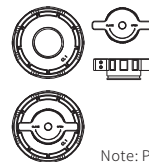
Operation:

- White Light On/Off
Hold and turn the rotary switch to the ON ☼ or "OFF" position to turn the Light on or off. Rotate the switch between "☼" and "OFF" to control the level of illumination.
- Red Light
Hold and turn the rotary switch to the "RED" position to turn on the red light.
- SOS
Hold and turn the rotary switch to the "SOS" position to trigger the emergency SOS.

Charging:

- Connect the end of micro USB charging cable to the charger port of the light and the other end of USB charging cable to the USB port of an operating computer* / a power bank / a compatible device adaptor. LED indicator lights on when charging starts.
- Once charging is completed, disconnect the USB cable from the light and make sure you push the anti-dust cover in tight.
- Please charge the light when the light is off to permit full and fast recharging.

Battery Replacement:



- ① Unscrew the battery cover counterclockwise
- ② Insert the battery with the anode side(+) toward the header.
- ③ Put the battery cover back on and screw it clockwise.

Note: Please remove the battery insulation sheet before use.

Parts Include:

1.CL1	1PCS
2.O-ring for water seal	1PCS
3.Use manual	1PCS
4.Warranty card	1PCS
5.Micro-USB cable	1PCS
6.HILLTROLL 2300mAh rechargeable 18650 battery	1PCS

Routine Maintenance:

- To ensure better lighting, please wipe the lantern at regular intervals.
- Please make sure the power is off before your maintenance work.
- To avoid any damage to the lantern, please do not use chemical solvent during routine maintenance.

Warranty:

- 15 days replacement: the consumer can get a new product for free replacement if any quality defects are found within 15 days from the date of purchase.
- 2 years labor warranty: Free maintenance and repair service will be provided if any quality defects are found within 24 months from the date of purchase.

- Durable maintenance and repair support with charge.
- For more information about warranty, please visit our website:

<https://www.moool.com/support/warranty/>

Product Registration:

Register your product to get an extra six-month warranty, In addition to our normal 24 month warranty, we will give you 30 full months of protection for your HILLTROLL CL1!

Register on the website:

<https://www.moool.com/support/product-registration/>

or scan the QR code to register product:



Warning:

- Do not look directly into the LED light for more than a few seconds.
- Do not allow children to use LED light unless under the supervision of an adult.
- Never use disposable batteries to charge the product.

Moool Technologies
www.moool.com