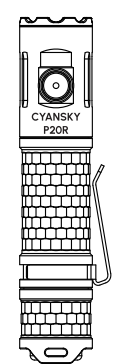


# 尺寸: 90mm\*50mm



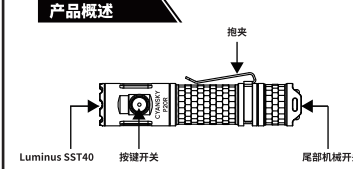
**P20R**  
便携户外手电  
产品说明书

**产品参数**

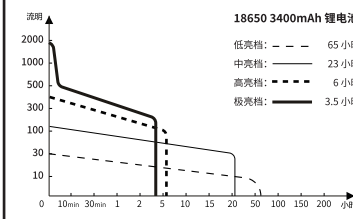
模式	低亮档	中亮档	高亮档	极亮档	爆闪档	SOS
亮度 (lm)	30	130	450	1900	1900	130
续航 (小时)	65	23	6	3.5	/	/
射程 (米)	25	70	110	210	/	/
激光强度 (mW)	156	1225	3025	11025	/	/
防水等级	IP68(水下两米)					
防水深度	1.5米					
尺寸	120mm (长) * 25.4mm (尾筒直径) * 23.8mm (筒身直径)					
重量	77g (不含电)					
工作温度	-30°C ~ 55°C / -22°F ~ 131°F					
储存温度	-35°C ~ 65°C / -31°F ~ 149°F					

注: 以上数据依据ANSI FL1标准, 使用一节CYANSKY 3400mAh 18650锂电池在25°C±2°C, 湿度50%-80%的环境下, 于CYANSKY实验室环境中测试所得数据, 实际使用中可能会因电池及使用环境改变而改变。  
点亮续航时间为产品电路智能降频测试的累计续航时间总长。

**产品概述**



**放电曲线**



**操作说明**

**开/关机:**  
轻按尾部开关点亮, 松手即关闭, 重按直接开机, 进入记忆档位, 再次重按尾部按键关机。

**改变亮度:**  
开机状态下, 单击侧面按键切换档位, 输出从前亮度开始, 低档->中档->高档->极亮档顺序改变。

**开启爆闪:**  
快速轻按尾部开关两次触发爆闪, 松手关闭, 重按锁定爆闪档, 再次重按关机; 开机状态下, 双击侧面按键进入爆闪;

**开启SOS:**  
爆闪状态下双击侧面按键进入SOS, 单击退出SOS;

**电量显示:**  
开机后侧面指示灯会自动指示电量5秒:  
指示电量如下  
绿灯: 100%~70%  
橙灯: 70%~30%  
红灯: 30%~10%  
红闪: 10%~1%, (闪烁提示)

**智能降频:**  
为保证照明安全, 以下情况产品会智能降低亮度  
• 当产品检测到电池电量不足时, 产品会逐步自动降低当前模式工作档位, 直到降低到运行档;  
• 电池电量不能支撑产品照明时产品自动关机;  
• 产品温度高于安全值, 会通过温控降低产品亮度, 以避免产品损坏和伤害用户。

**充电操作:**  
翻开充电口保护帽, 将适配器的充电线插入产品的Type-C充电口, 支持5V/1A充电, 充电时

显示红灯, 充满显示绿灯, 4小时左右充满 (橙灯表示充电异常)。充满后请按下充电线, 盖上胶塞, (充电时, 不支持点亮)。

**电池适配情况:**

电池规格	适配情况
CYANSKY BL18系列电池	推荐使用
有保护帽的18650电池	谨慎使用
一次性锂电池	谨慎使用
其他电池	禁止使用

**注意事项**

- 产品可装入1节18650电池, 或2节CR123A电池 (使用2节CR123A电池不可以充电);
- 手电在使用过程中, 手电表面温度在55°C以下属于正常情况, 请放心使用;
- 首次使用前, 请将电池充满电;
- 定期清理手电连接部件螺纹并涂上润滑油;
- 为达到最佳防水性能, 请定期检查防水O圈的完整性, 并请适量涂抹润滑油于防水O圈上以延长其使用寿命。如O圈损坏, 请及时更换原厂O圈以确保您所使用的产品的优异防水性能;
- 产品长时间放置不使用, 请将电池从中取出, 并妥善存放于阴凉干燥处;


**维修条款**

灯具产品自售出之日起15天内, 在正常使用情况下, 出现产品质量问题, 客户可选择更换新品, 所换产品应为同型号同规格的新品; 如同型号同规格的产品停止生产时, 则调换不低于原产品性能的同品牌同类产品。  
5年免费保修期: 灯具产品自售出之日起5年内 (电池1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。5年后可以进行有偿维修, 只收取成本费。  
消费者保修时凭《保修卡》、购物发票或收据或网上购物时零售商提供的号码与经销商联系, 由经销商对消费者提供服务, 我公司将对经销商提供技术支持。  
**保修服务不包括由以下原因造成的任何损坏或故障:**

- 过高掉落、擅自修改或改造;
- 粗暴操作或者误操作造成的损坏;
- 使用、存放或维护不当造成的损坏;
- 正常磨损;
- 电池漏液;
- 盐水和腐蚀性损坏机组;
- 普通磨损/褪色。


**包装清单**

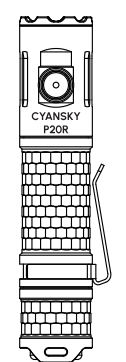
P20R手电、绝缘垫片、1\*BL1834锂电池、防水圈、充电线、手绳、手电套、说明书、吊牌、抱夹、保修卡。



**东莞市亦明电子有限公司**

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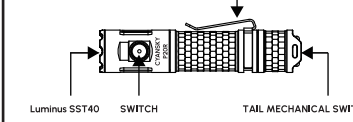
**P20R**  
Portable  
Outdoor Flashlight  
User Manual

**Specifications**

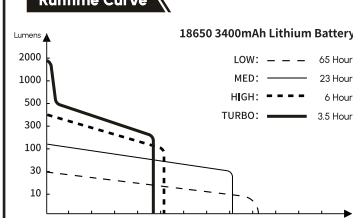
MODE	LOW	MED	HIGH	TURBO	STROBE	SOS
OUTPUT (lumens)	30	130	450	1900	1900	130
RUNTIME (hours)	65	23	6	3.5	/	/
REACH (meters)	25	70	110	210	/	/
INTENSITY (Candela)	156	1225	3025	11025	/	/
IMPACT RESISTANCE	1.5 Meters					
SUBMERSIBLE	IP68(two meters underwater)					
SIZE	4.72" x 1.00" x 0.94"					
WEIGHT	77g (excluding battery)					
WORKING TEMPERATURE	-30°C ~ 55°C / -22°F ~ 131°F					
STORAGE TEMPERATURE	-35°C ~ 65°C / -31°F ~ 149°F					

Note: The above data is based on the ANSI FL1 standard, and tested in the CYANSKY laboratory environment, with one CYANSKY 3400mAh 18650 lithium battery at 25°C±2°C and 50%-80% humidity. The actual usage time may vary depending on battery performance and usage environment. The maximum runtime on ultra-high mode is the total accumulated runtime of the product's intelligent step-down circuit test.

**Product illustration**



**Runtime Curve**



**Power On/Off:**  
Press the tail switch lightly to turn on; release to turn off. Press down firmly on the tail switch to power on, entering the memory mode. Press the tail switch again to turn off.

**Adjusting Brightness:**  
While turned on, single-click the side button to switch modes. Output starts from the current brightness level: Low -> Medium -> High -> Turbo.

**Strobe Mode:**  
Quickly press the tail switch twice to trigger strobe mode; release to turn off. Press again to lock the strobe mode, and press once more to turn off. While on, double-click the side button to enter Turbo mode.

**Activating SOS:**

While in strobe mode, double-click the side button to activate SOS; single-click to exit SOS.

**Battery Display:**  
After turning on, the side indicator light will automatically display the battery level for 5 seconds:  
• Green Light: 100% - 70%  
• Orange Light: 70% - 30%  
• Red Light: 30% - 10%  
• Red Flash: 10% - 1% (flashing reminder)

**Smart Dimming:**  
To ensure lighting safety, the product will intelligently reduce brightness in the following situations:  
• When the battery is low, it will gradually decrease the current mode until it reaches stealth mode.  
• If the battery can't support lighting, the product will shut down.  
• If the product's temperature exceeds the safe value, it will lower brightness through temperature control to prevent damage or harm to the user.

**Charging:**  
Open the charging port cover and insert the adapter's charging cable into the Type-C charging port. Supports 5V/1A charging. Red light displays while charging and turns green when fully charged (orange light indicates charging anomaly). Charging takes approximately 4 hours. After charging, unplug the cable and cover with the plug. (Lighting is not supported during charging).

**Battery compatibility:**

Battery Specifications	Adaptation situation
CYANSKY BL series batteries	Recommended usage
18650 battery with protection plate	Use with caution
Disposable lithium battery	Use with caution
Other batteries	Prohibited use

**Precautions**

- The product can be powered by either 18650\*1 battery or CR123A\*2 batteries (charging not supported with CR123A\*2 batteries).
- During use, the surface temperature of the flashlight below 55°C is normal, so please use it with confidence.
- Before first use, please fully charge the battery.
- Regularly clean the threads of the flashlight connection and apply lubricating oil.
- For optimal waterproof performance, please regularly check the integrity of the waterproof O-ring and apply a moderate amount of lubricating oil to extend its service life. If the O-ring is damaged, please replace it with a genuine O-ring from the manufacturer to ensure excellent waterproof performance of the product you are using.
- If the product is not used for a long time, please remove the battery and store it in a cool and dry place.
- When carrying it, please loosen the body half a turn to completely cut off the power to avoid accidentally turning it on while carrying it.
- Children should use this product under adult supervision.
- The high brightness of the product should not be directly looked at, otherwise it may cause eye injury and temporary blindness.
- Do not throw the product with the battery into the fire, otherwise it may explode.
- Do not throw the product with the battery cover opened into the water.
- Do not short-circuit the positive and negative poles of the battery.

**Warranty**


For the first 15 days from the date of sale, if there is a product quality problem under normal use, customers can choose to replace it with a new product of the same model and specification. If the product of the same model and specification has been discontinued, it will be replaced with a product of the same brand and class with not lower performance.  
5-year free warranty period: From the date of sale, the lamp product has a free warranty period of 5 years (1 year for batteries). If there is a product quality problem under normal use, the user can enjoy free repair service. After 5 years, paid repair service will be provided.

only cost fees will be charged. When consumers seek warranty service, they should contact the dealer with the "Warranty Card", shopping invoice or receipt, or the code provided by the online retailer, and the dealer will provide service to the customer. Our company will provide service support to the dealer.  
**Warranty service does not include any damage or malfunction caused by the following reasons:**

- Dropping from high altitude, modification or alteration without permission;
- Damage caused by rough or mistaken operation;
- Damage caused by improper use, storage or maintenance;
- Normal wear and tear;
- Battery leakage;
- Corrosion of the unit caused by salt water;
- Ordinary wear / fading.

**Included**

P20R Flashlight, Insulating Gasket, 1\*BL1834 Lithium Battery, Waterproof Ring, Charging Cable, Lanyard, Flashlight Holster, Instruction Manual, Hang Tag, Clip, Warranty Card.



**CYANSKYLIGHT CO., LTD**

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