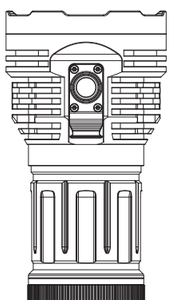
ACEBEAM™
Light Where You Want It

User Manual



X50 2.0

Outdoor Portable Power Bank Flashlight

FEATURES

- Utilizes 8 x LEDs with a max output of 45,000 lumens and throw 871 meters or 8 x high CRI95 LEDs with a max output of 21,000 lumens and throw 494 meters
- Beam angle is up to 120°, wide range of seeing
- A boost constant current circuit design with an efficiency rate up to 98%
- Built-in 10,8V/4250mAh Li-ion battery pack
- Fast USB Type-C charging with discharging function available
- PD 60W Quick Charge approximately one hour for fully charged
- Built-in intelligent adaptive charging and discharging function and protocols of QC 3.0 & PD 3.0
- Built-in intelligent temperature overheat protection
- Reliable mechanical safe lock-prevents accidental activation
- Detachable handheld handle meets various lighting demands
- One single stainless steel switch provides access to all functions
- Hardened dual AR coated, 99% transmittance glass
- Made of durable A6061-T6 aluminum alloy, provided a rigid structure and a fast cooling efficiency
- Premium type HAIII hard-anodized anti-abrasive finish
- Rating in accordance with IP68. Impact resistant to 1 meter
- Size: 139.6mm x 75mm x 51.8 mm / 5.49'' x 2.95'' x 2.03''
- Weight: 756g/26.6oz (Including battery pack)

INCLUDED

1 x Acebeam X50 2.0 flashlight(built-in battery pack); 1 x Detachable handle;
1 x Charging adapter; 1 x USB Type-C charging cable; 1 x Holster; 1 x UNC1/4" screw;
2 x O-rings; 1 x Lanyard; 1 x Warranty card; 1 x User manual; 1 x Battery warning card

TECHNICAL PARAMETER

6500K

Turbo:	45000 lumens	30s	5600 lumens	66min	2000 lumens	11min	1200 lumens	4min	400 lumens	32min		
High:	15000 lumens	2min	5600 lumens	67min	2000 lumens	10min	1200 lumens	4min	400 lumens	32min		
Mid 3:	7500 lumens	13min	5600 lumens	57min	2000 lumens	10min	1200 lumens	4min	400 lumens	32min		
Mid 2:	3800 lumens	128min	2000 lumens	5min	1200 lumens	4min	400 lumens	32min				
Mid 1:	2000 lumens	4h	1200 lumens	5min	400 lumens	32min						
Low:	1200 lumens	6h 5min	400 lumens	32min								
Ultra-Low:	400 lumens	11h										
Strobe:	7500 lumens	1h										
	871m	189,660cd	1m	IP68								

5000K

Turbo:	43000 lumens	30s	5400 lumens	66min	1900 lumens	11min	1000 lumens	4min	380 lumens	32min
High:	13000 lumens	2min	5400 lumens	67min	1900 lumens	10min	1000 lumens	4min	380 lumens	32min
Mid 3:	7300 lumens	13min	5400 lumens	57min	1900 lumens	10min	1000 lumens	4min	380 lumens	32min
Mid 2:	3500 lumens	128min	1900 lumens	5min	1000 lumens	4min	380 lumens	32min		
Mid 1:	1900 lumens	4h	1000 lumens	5min	380 lumens	32min				
Low:	1000 lumens	6h 5min	380 lumens	32min						
Ultra-Low:	380 lumens	11h								
Strobe:	7300 lumens	1h								
	839m	175,890cd	1m	IP68						

CRI95

Turbo:	21000 lumens	1min	2800 lumens	74min	1200 lumens	5min	350 lumens	2min	150 lumens	10min		
High:	8500 lumens	2min	2800 lumens	80min	1200 lumens	5min	350 lumens	2min	150 lumens	10min		
Mid 3:	4500 lumens	9min	2800 lumens	75min	1200 lumens	5min	350 lumens	2min	150 lumens	10min		
Mid 2:	2200 lumens	120min	1200 lumens	5min	350 lumens	2min	150 lumens	10min				
Mid 1:	1200 lumens	4,5h	350 lumens	2min	150 lumens	10min						
Low:	350 lumens	6,5h	150 lumens	30min								
Ultra-Low:	150 lumens	10,5h										
Strobe:	8500 lumens	1,5h										
	494m	61,009cd	1m	IP68								

Notice: According to the ANSI/NEMA FL1 standard, the above specifications are from the results produced by ACEBEAM through its laboratory testing using the 10,8V/4250mAh rechargeable battery pack. The actual performance of this model may vary according to different working environments.

CHARGING

1. Switch off the light and plug the USB-C charging cable into the standard adapter, then connect the USB Type-C socket of the charging cable to the light.
2. Intelligent identified charging function.
   Standard Charge:
   Red lighting=during charging.
   Green lighting= fully charged;
   Quick Charge:
   Red & Blue lighting=during charging.
   Green & Blue lighting=fully charged;

POWER BANK FUNCTION

Switch off the light and connect the USB Type-C socket of the charging cable to the light, then connect the USB Type-C socket of the charging cable to the digital device with a USB Type-C port.
Standard discharging mode: Red lighting,
Red flashing=voltage<10.3V;
Fast discharging mode: Red & Blue lighting,
Blue lighting & Red flashing=voltage<10.3V.

Tip: 1.Please long press reset switch >10 seconds to restart the battery pack when it can't charge/discharge or abnormal indicator.
2. Be sure to screw the tail cap once charging is completed.

Note: A.While all modes are available when charging or discharging.
B.The normal charging time is approximately 1 hour from depletion to full charging with the included standard adapter.
C.Recharge a stored light every four months to maintain optimum performance of the battery
D.When connecting to the power bank with same PD protocol, it might fail to charge if the protocols are not compatible with the device. Eg: Power bank is charging X50 2.0, or X50 2.0 is charging power bank.

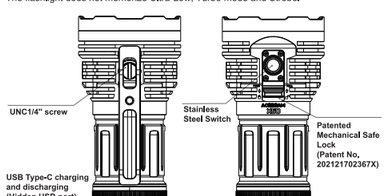
BATTERY LEVEL INDICATION

The indicator will display the battery status of the under mode working:
Green Constant-ON: 100% ~ 30%
Red Constant-ON: 30% ~ 10%
Red Flash: <10%

OPERATING INSTRUCTION

ON/OFF: Single click the switch to turn ON/OFF the light.
Mode Selection: When the flashlight is ON, press and hold the switch to cycle from Low →Mid1→Mid2→Mid3→High, loosen the switch at your selected mode.
Turbo: Double click the switch.
Strobe: Triple click to access Strobe mode regardless of ON/OFF status.
Ultra-Low: When the flashlight is OFF, press and hold the switch for 0.5 second to enter Ultra-Low.
Lockout Function
Mechanical Safe Lock Switch: Push the switch for lock, pull the switch for unlocking.

Intelligent Memory Circuit
The flashlight memorizes the last selected output. When turned on again the previously used output will be recalled.
The flashlight does not memorize Ultra-Low, Turbo mode and Strobe.



LOW-VOLTAGE WARNING

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level until Ultra-Low output is reached.
When the voltage level drops still low under Ultra-Low output, it will shut off automatically.

INTELLIGENT OVERHEAT PROTECTION

The light will accumulate a lot of heat when used at high-output mode for extended periods. When the light reaches a temperature of 65°C or above, the light will automatically step down lumens to reduce the temperature.

⚠ WARNING

1. By using this device, you certify you have read the included User Manual and Warning Card and release the manufacturer and retailers from all liabilities.
2. Please use in accordance with applicable laws and regulations.
3. Keep out of reach of children.
4. DO NOT shine the light directly into human eyes. This may cause temporary blindness, or permanent damage to the eyes.
5. DO NOT cover the light head when the flashlight is on, or place the flashlight head on the ground. The radiation energy of the flashlight may cause damage to the flashlight itself, or even result in burning to other materials.
6. DO NOT modify/disassemble the light, otherwise the user will be in charge of the all responsibility.
7. When the flashlight is working on the high mode, the surface temperature can reach 65°C. Please switch off the flashlight temporarily or turn it to low mode.
8. Please use turbo mode with caution. Turbo greatly reduces the turntime and leads to high temperature on the flashlight surface.
9. DO NOT use the turbo mode continuously when the environmental temperature is high in case the flashlight body is too hot to hold.
10. When the product is used in a low-temperature environment, please try and keep it warm. If the temperature is too cold, it may not reach the highest output.
11. If the product is left unused or carrier and transported,please lock the button to avoid accidentally activating the flashlight.
12. Please keep the front lens clean. Due to radiation ennergy, it may heat up foreign matter on the lens which can potentially cause damage.
13. The battery pack is charged with the included standard charging cable and adapter.
14. Store the battery pack with care. Keep it in a cool and dry place. Keep lithium-ion battery pack charges approximately every 4 months.

USAGE AND MAINTENANCE

1. Unauthorized disassembly may damage the light and void the warranty.
2. Lubricate the threads with professional grade lubricant regularly.
3. Please swap out the O-rings regularly to maintain the water resistance level.
4. Maintain and keep clean any contact surfaces of the flashlight with alcohol swab. This may prevent irregular flashes during use.

PRODUCT WARRANTY

1. If the customer experiences any problems with an Acebeam product within 15 days of purchase, the dealer will replace that product.
2. If an Acebeam flashlight fails during normal use within a period of five years (60 months) of purchase, the dealer will repair or replace the flashlight with the same or similar model.
3. ACEBEAM Battteries, accessories and lanterns with built-in batteries are warranted for a period of one year (12 months) from date of purchase.
4. The warranty does not cover damage or failure caused by:
   A. Rough usage or operation which does not comply with the user manual or product specifications.
   B. Unauthorized disassembly, repair or modification. Defects or damaged caused by factors out of Acebeam's control.
   C. Battery leakage damaged products.
5. If there are any questions about ACEBEAM products, please consider the warranty and contact Acebeam or your original Acebeam dealer for warranty return instructions. Email: info@acebeam.com

DISCLAIMER CLAUSE

Acebeam is not liable for damages or injuries sustained resulting from the usage of the product inconsistent with the warnings in the manual.

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RoHS CE

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