

Specifications and Features:

ANSI	Illumination levels				
	High	Mid	Low	Strobe	SOS
Luminance	840Lm	320Lm	5Lm	840Lm	840Lm
Runtime	2.3h	5.5h	260h		
Beam Throw	200Meters				
Max Intensity	10000cd				
Impact Resistant	1.5Meters				
Waterproof	IPX8				
LED	USA*CREE XM-L2 U2				
Materials	Anodized aircraft 6N01 aluminium alloy, Premium Type III hard-anodized anti-abrasive finish				
Working Voltage	2.75~4.2V				
Battery	1 x 17670 / 18650 / 18700				
Switch	Tactical tail cap switch				
Size	Ø35.0mm(Head diameter)xØ25.0mm(Body diameter)x140.5mm(length)				
Net Weight	125g(without cells)				
Additional Functions	Memory mode and DIY mode				
Package Contents	Flashlight, Lanyard, Holder, spare O-ring, spare switch, cap, manual, warranty card.				
Optional Accessories	Charger, AC adaptor, Car adaptor, battery, remote pressure switch, Weapon mount				

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Introduction:

The XTAR TZ20 features a powerful, solid and durable design aimed at military or outdoor use. You can DIY that retain or cancel: low/mid/strobe/SOS mode if you like. The XTAR TZ20 Platoon flashlight features CREE XM-L2 U2 LED, which can produce max 840 lumens powered by 1x17670/18650/18700 Li-ion battery. It's made of anti-scratch Type III hard-anodized aircraft-grade 6061 aluminum alloy. TZ20 is compact and solid enough for tough circumstances.



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About XTAR:

Hong Kong XTAR Co., Ltd. ("XTAR") is a company established in 2007, with a focus on charger, flashlight, and battery research and development. Over the years, XTAR has experienced rapid development and growth, and is currently utilizing its acquired professional skills towards advanced research in charger and flashlight technology. To date, XTAR has obtained more than 20 patents, and XTAR products are used in over 40 countries, including the USA, UK, Japan, Germany, France, Norway, and Australia.

The name XTAR, derived from "X-STAR", representing the innumerable unknown stars in the universe, brings to mind a vision of infinite imagination. The XTAR logo, a trademark of Hong Kong XTAR Co., Ltd., contains a spheroidal figure and character that together represent the modest spirit of our company, XTAR being tolerant to diversity and our aspirations towards continuing development and innovation.

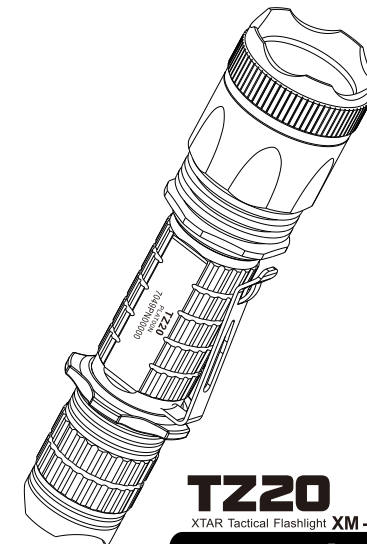
Battery chargers and flashlights may be common, everyday items, but the traits that make XTAR and XTAR products unique are our creative designs, high quality, and dedicated after-sales support. XTAR strives to earn your trust by exceeding your expectations in all these areas.

The stars light up the night sky; XTAR will light up your life!

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HONGKONG XTAR CO., LTD



TZ20
XTAR Tactical Flashlight XM-L2 U2
manual

Instructions:

To insert batteries:

Unscrew the tail cap, insert 1x 17670/18650/18700 battery with the positive (+) terminals toward the head, and then screw the tail cap back on tightly.

To turn on / turn off the flashlight:

(1) Forward tactical switch on the tail. Press the switch hard until you hear a 'click' to turn it on, again to turn it off.

(2) Tactical light

Half press the tactical switch and hold temporarily, turn on the light. Release the switch, the light will be off.

To select an output mode:

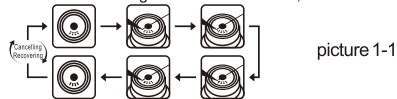
Light touch the switch can realize the circulation patterns set shift.

Mode DIY specific operations procedures. (As picture 1-1 showed)

1) Disconnect 4 pairs contactors.

2) Use electric soldering iron and solder to connect contactor, cancel mode.

3) Use electric soldering iron to melt the solder, recover the mode.



picture 1-1

Remark: Please don't solder soldering tin to different modes or inner circuit circle, or will lead to short circuit or damage. (As picture 1-2 showed)



picture 1-2

Notice:

- Please use good qualified Li-ion batteries with PCB. XTAR protected 18650/18700 is recommended.
- Do not radiate or direct light towards eyes, serious injury or blindness could occur from misuse.
- When the flashlight is not in use, recommend to take the batteries out.

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Maintenance:

- Use qualified batteries. XTAR protected Li-ion batteries are recommended.
- When the flashlight is not in use or the batteries are exhausted, removal of the batteries is recommended.
- Replace O-rings when they become worn. Lubricate O-rings regularly to maintain water resistance.
- Clean all electrical contacts regularly.

Troubleshooting:

Possible Problem	Solution
Batteries are exhausted or inserted incorrectly.	Insert fully charged batteries with the positive terminals toward the head.
Circuit, PCB contactor or other contactor poorly connected. Parts' breakage or disconnection of head, body or tail cap switch.	Inject silicon grease, tighten the head and tail cap.

If the flashlight still fails to operate, please contact your dealer or service center where the flashlight was purchased, for warranty service.

Warranty:

- 15 days free replacement: We will repair or replace a light within 15 days of purchase if it has a manufacturing defect. If the problem calls for a replacement, we will replace the light with the same model as the one you bought. If the model has been discontinued, you will receive a product with similar or improved performance.
- 24 months free repair: We offer free repair within 24 months of purchase if problems develop with normal use.
- Limited lifetime warranty: If problems develop after 24 months there will be a charge for parts. The total repair fee will be assessed according to the cost of the replaced materials. If damage to the light is grave, and XTAR distributor will contact you to decide whether to exchange the parts or not. Freight is paid by distributors or customers.

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- This warranty is not applicable for damages caused by faulty operation, disassembly, and irresistible factors.

Website and Anti-fake inquiry:

- Welcome to visit our company website to get more information.
<http://www.xtarlight.com>
- Anti-fake inquiry: A group of eighteen-digit number could be gained by scraping the anti-counterfeiting label on our product or package. Then, input it to the corresponding query window in our service column of our official website to distinguish the product's authenticity. The serial number does the same work.
- Thank you for choosing our excellent product. Your satisfaction and feedback are essential to our progress.



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