



# ExMP21R

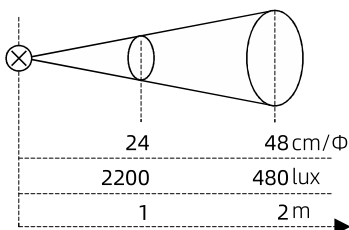
Explosion Proof  
Rechargeable  
LED Torch

3350mAh Lithium Battery	I Mb Mine	II 1/2 Gas	III 21/22 Dust
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## Description

- Suitable for explosive environment class I, class II zone 1, 2, class III zone 21, 22 and other professional portable lighting.
- Intrinsically safe explosion-proof design.
- The body is made of permanent anti-static, anti-aging and anti-corrosion high-strength alloy plastic injection molding, compact and lightweight, easy to carry.
- Professional optical lens design, soft illumination, uniform spot, in line with GB 30734 fire protection standard.



## Parameters

Certifications:	IECEX, ATEX
Ex mark:	IECEX: Ex ib I Mb; Ex ib IIC T4 Gb; Ex ib IIIB T130°C Db ATEX:  I M2 Ex ib I Mb  II 2 G D Ex ib IIC T4 Gb; Ex ib IIIB T130°C Db
Usage:	I, II Zone 1/2 and III Zone 21/ 22
Working ambient temp.:	-40°C≤Ta≤+55°C
Ingress protection:	IP66/67
CCT:	6500K
Luminous flux:	≥130lm (strong mode), ≥60lm (work mode)
Run time:	≥12h (strong mode), ≥24h (work mode)
Battery type:	lithium battery (IEC 61233, IEC 61960)
Battery capacity:	3.6V, 3350mAh
Charging way:	matched 1000/01-A21 charging base
Charging time:	< 6.5h
Recharging cycles:	500 cycles
Lifespan:	50,000 h (without battery)

Note: The luminous flux and continuous discharge time are the values measured under the environment of -20°C≤Ta≤+55°C.

## Features



## Order specifications

Illustration	Description	Weight (g)	Order No.
	Explosion Proof Rechargeable LED Torch	99	ExMP21R
	Explosion Proof Rechargeable LED Torch + Charging base + Adapter	226	ExMP21R+A21-□

GB
 EN
 BS
 ANSI
 AS
 JIS

Code of plug

Note: Users can choose type A integrated charging track rail and integrated charging stand. Please see pages 04 and 05 for details.

## Installation diagram



U shape bracket  
Apply to brimless helmet



L shape bracket  
Apply to helmet with brim

## Charging system

- ExMP21R is equipped with a special charging base to ensure safe use. The charging base has a charging indicator light, red means charging, green means fully charged.
- The charging base has 2 charging ports -AC 100-250V/2A and a matched integrated charging port at the bottom. Safe, simple and convenient.
- This product is suitable for type A integrated charging track rail and charging stand.

Note: For technical parameters of integrated charging track rail and integrated charging stand, please refer to pages 04 and 05.

AC 100-250V,  
50/60Hz

Individual Charging



Type A Integrated

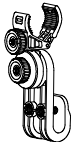



Charging Track Rail



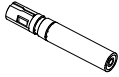
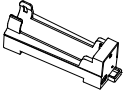
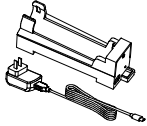
Integrated Charging Stand



## Mounting accessories

Illustration	Description	Weight (g)	Order No.
<p>U shape bracket</p> 	 <p>Apply to brimless helmet</p>	49	1000/11-01-02U
<p>L shape bracket</p> 	 <p>Apply to helmet with brim</p>	44	1000/11-01-02L

## Spare parts

Illustration	Description	Weight (g)	Order No.
	3.6V, 3350mAh	59	1000/05-R21-Ex
	Input voltage/current: DC 5.0V/2000mA	55	1000/01-A21
	Input voltage/current: AC 100-250V/500mA Input voltage/current: DC 5.0V/2000mA	127	1000/01-A21-□

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 Code of plug

## Outline dimension (unit: mm)

