

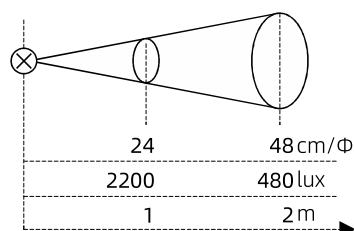
ExMP21R

Explosion Proof
Rechargeable
LED Torch



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 high performance nylon. It features as lightweight, anti-aging, anti-corrosion, impact-resistant and easy to carry.
- Professional optical lens design, soft illumination, uniform spot, in line with GB 30734 fire protection standard.



Parameters



Certifications:	IECEX, ATEX, EAC
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 Ex ib IIC T4 Gb II 2 D 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), ≥80lm (work mode)
Run time:	≥12h (strong mode), ≥18h (work mode)
Beam distance:	≥94m (strong mode), ≥64m (work mode)
Battery type:	18650 lithium battery (IEC 61233, IEC 61960)
Battery capacity:	3.6V, 3350mAh
Charging way:	matched 1000/01-A21 charging base
Charging time:	≤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 03-05 for details.

Installation diagram



Hand-held



U shape bracket
Apply to brimless helmet



L shape bracket
Apply to helmet with brim

Charging system

- ExMP21R is equipped with a dedicated 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/0.5A 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.

AC 100-250V,
50/60Hz

Individual Charging



Type A Integrated
Charging Track Rail

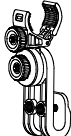





Integrated Charging Stand

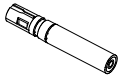
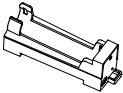
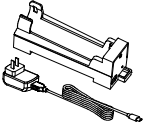


Note: For technical parameters of integrated charging track rail and integrated charging stand, please refer to pages 03-05.

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.
Lithium battery pack 	3.6V, 3350mAh	59	1000/05-R21-Ex
Charging base 	Input voltage/current: DC 5.0V/2000mA	55	1000/01-A21
Charging base + Adapter 	Input voltage/current: AC 100-250V/500mA Input voltage/current: DC 5.0V/2000mA	127	1000/01-A21-□

GB

EN

BS

ANSI

AS

JIS

Code of plug

Outline dimension (unit: mm)

