



ExMP31R

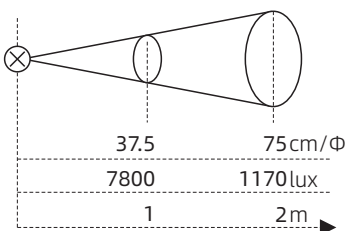
Explosion Proof Rechargeable LED Torch

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



Description

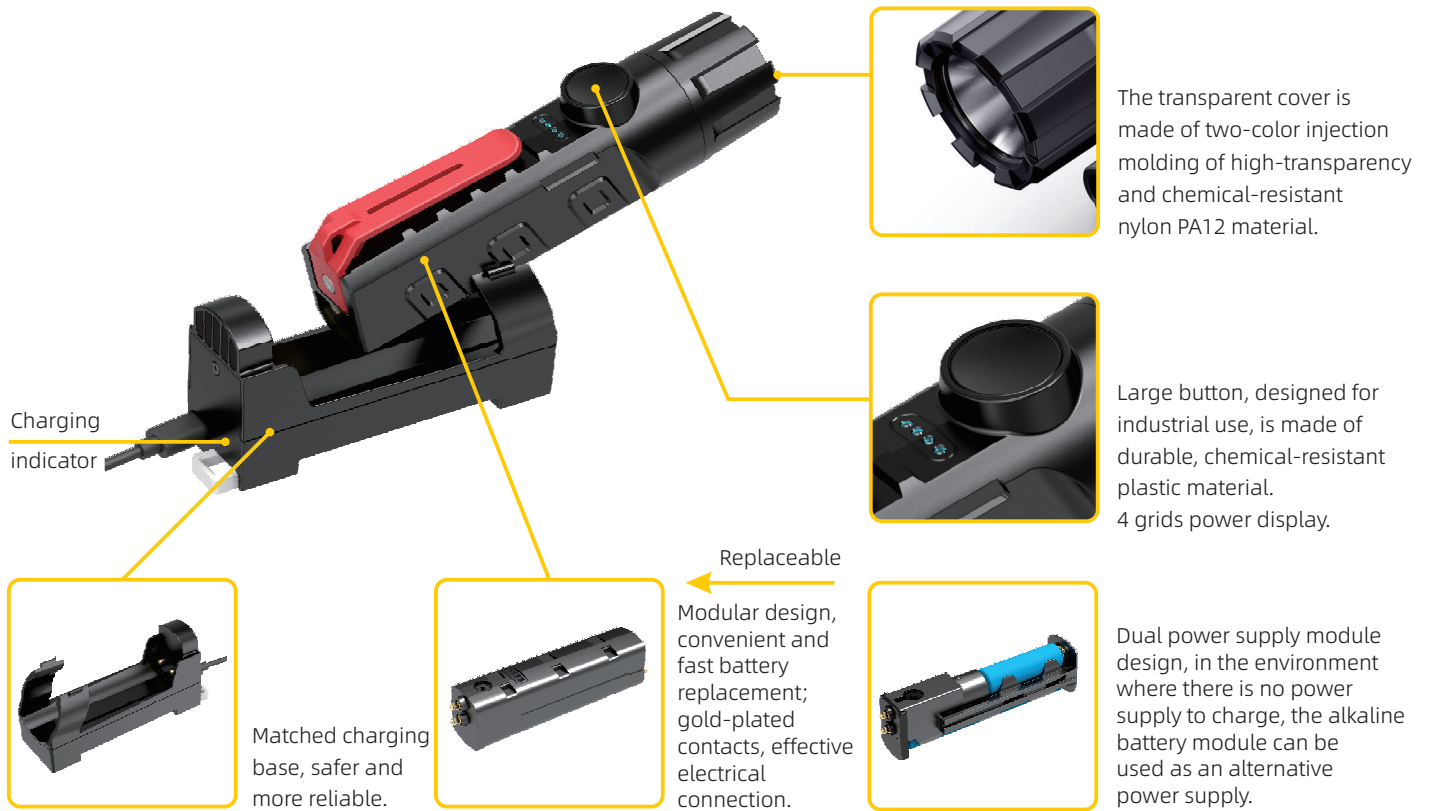
- Suitable for explosive environment class I, class II zone 1, 2, class III zone 21, 22 and other professional portable lighting.
- Intrinsically safe explosion-proof design.
- The body is made of permanent anti-static, anti-aging and anti-corrosion high-strength alloy plastic injection molding, compact 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 Ex ib IIC T4 Gb II 2 D Ex ib IIIB T130°C Gb
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:	≥220lm (strong mode), ≥110lm (work mode)
Run time:	≥8h (strong mode), ≥14h (work mode)
Battery type:	lithium battery (IEC 61233, IEC 61960)
Battery capacity:	3.6V, 3350mAh (18650 lithium battery)
Charging way:	matched 1000/01-A31 charging base
Charging time:	< 6.5h
Recharging cycles:	500 cycles
Lifespan:	50,000h (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	187	ExMP31R
	Explosion Proof Rechargeable LED Torch + Charging base + Adapter	320	ExMP31R+A31-□

 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 and 04 for details.

Installation diagram



The belt clip is used to buckle the torch, which is 360° adjustable and easy to plug in and out.

Charging system

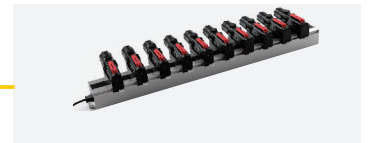
- ExMP31R is equipped with a special charging base to ensure safe use. The charging base has a charging indicator light, red means charging, green means fully charged.
- The charging base has 2 charging ports - AC 100-250V/2A and a matched integrated charging port at the bottom. Safe, simple and convenient.
- This product is suitable for type A integrated charging track rail.

AC 100-250V,
50/60Hz

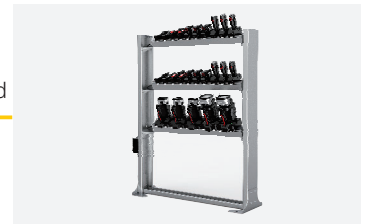
Individual Charging



Type A Integrated
Charging Track Rail


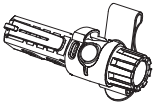


Integrated Charging Stand

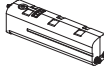
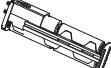
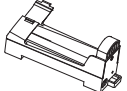
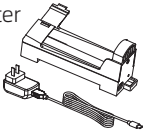


Note: For technical parameters of integrated charging track rail and integrated charging stand, please refer to pages 04 and 05.

Mounting accessories

Illustration	Description	Weight (g)	Order No.
Belt clip 		42	1000/11-01-01

Spare parts

Illustration	Description	Weight (g)	Order No.
Lithium battery module 	3.6V, 3350mAh	82	1000/05-R31-Ex
Alkaline battery module 	3×1.5V	89	1000/05-N31-Ex
Charging base 	Input voltage/current: DC 5.0V/2000mA	62	1000/01-A31
Charging base + Adapter 	Input voltage/current: AC 100-250V/500mA Input voltage/current: DC 5.0V/2000mA	134	1000/01-A31-□

 GB
  EN
  BS
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  JIS

Code of plug

Outline dimension (unit: mm)

