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

ExMP31R

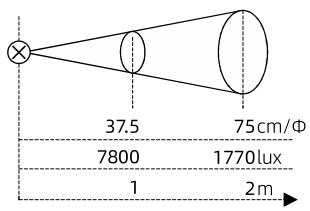
Explosion Proof
Rechargeable
LED Torch



+ Additional approval (South Africa):
IA approved, MTEx Laboratories IA Certificate MTEx-MS/26.0830 X

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.



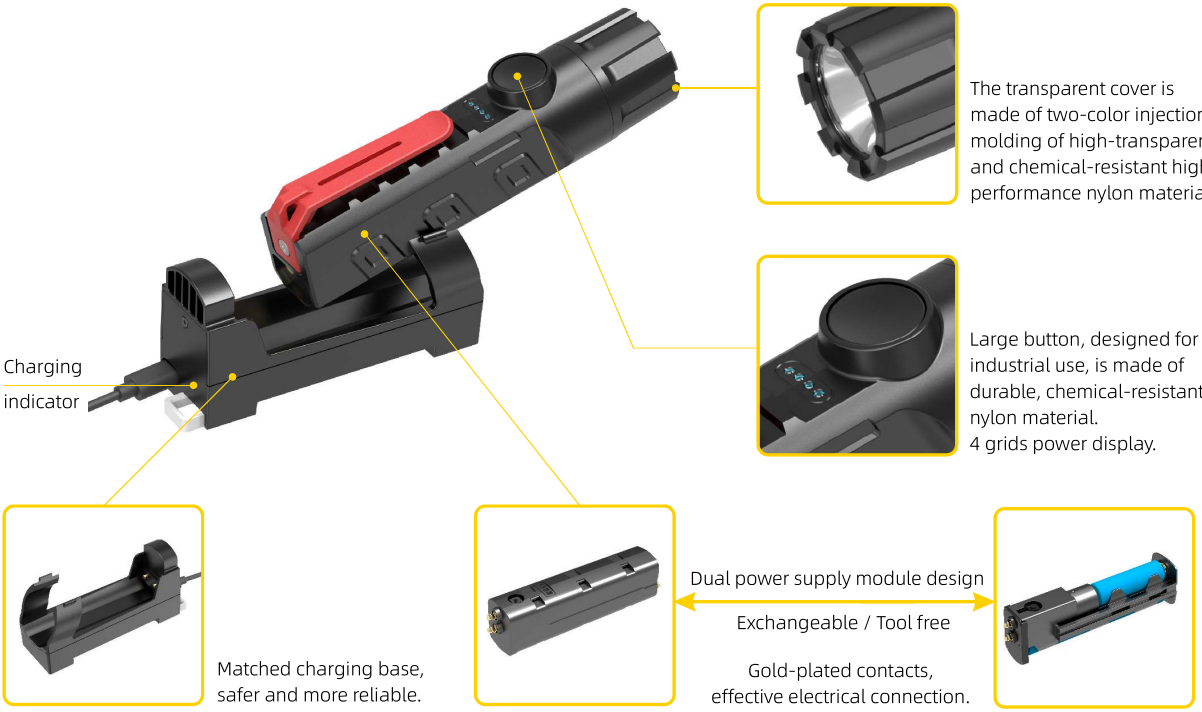
Parameters

Certifications:	IECEx, ATEX, EAC
Ex mark:	IECEx: Ex ib I Mb; Ex ib IIC T4 Gb; Ex ib IIIB T130℃ Db ATEX: Ex I M2 Ex ib I Mb Ex II 2 G Ex ib IIC T4 Gb Ex II 2 D Ex ib IIIB T130℃ Db
Usage:	I, II Zone 1/2, and III Zone 21/22
Working ambient temp.:	-40℃≤Ta≤+55℃
Ingress protection:	IP66/67
CCT:	6500K
Luminous flux:	≥220lm (strong mode), ≥110lm (work mode), ≥110lm (SOS mode)
Run time:	≥9h (strong mode), ≥13h (work mode)
Beam distance:	≥177m (strong mode), ≥125m (work mode)
Battery type:	18650 lithium battery (IEC 61233, IEC 61960)
Battery capacity:	3.6V, 3350mAh
Charging way:	matched 1000/01-A31 charging base
Charging time:	≤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℃≤Ta≤+55℃.

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Features



Order specifications

Illustration	Description	Weight (g)	Order No.
	Explosion Proof Rechargeable LED Torch	187	ExMP31R
	Explosion Proof Rechargeable LED Torch (with magnetic)	202	ExMP31R-M
	Explosion Proof Rechargeable LED Torch + Charging base + Adapter	320	ExMP31R+A31-□
	Explosion Proof Rechargeable LED Torch (with magnetic) + Charging base + Adapter	335	ExMP31R-M+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 03-05 for details.

Installation diagram





Magnetic type. It can be adsorbed on the metal frame, freeing your hands when working.





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

Charging system

- ExMP31R 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.

AC 100-250V, 50/60Hz

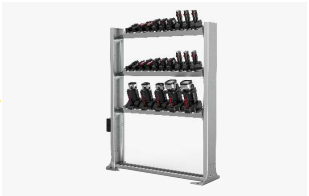
Individual Charging



Type A Integrated Charging Track Rail

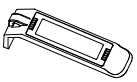


Integrated Charging Stand

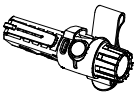
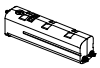
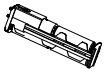
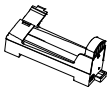
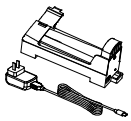


Note: For technical parameters of integrated charging track rail and integrated charging stand, please refer to pages 03-05.

Spare parts

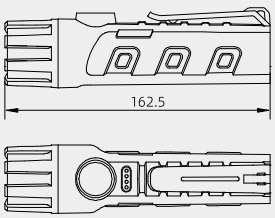
Illustration	Description	Weight (g)	Order No.
Magnetic holder 	/	15	1000/11-01-05-Ex

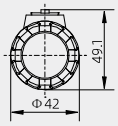
Spare parts

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

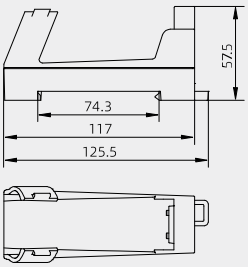
GB EN BS ANSI AS JIS — Code of plug

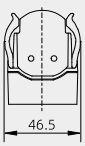
Outline dimension (unit: mm)



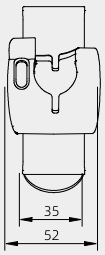


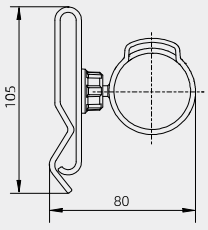
ExMP31R





1000/01-A31





1000/11-01-01