

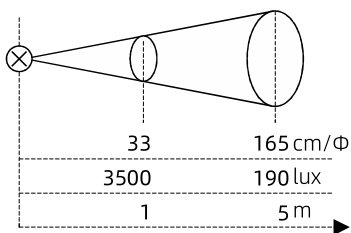
# ExMP52R

## Explosion Proof Rechargeable LED Handlamp





### Description

- Suitable for explosive environment 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 GB30734 fire protection standard.



### Parameters

Certifications:	IECEX, ATEX, EAC
Ex mark:	IECEX: Ex ib IIC T4 Gb; Ex ib IIIB T130°C Db ATEX:  II 2 G Ex ib IIC T4 Gb  II 2 D Ex ib IIIB T130°C Db
Usage:	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:	≥340lm (strong mode), ≥180lm (work mode), ≥180lm (SOS mode)
Run time:	≥14h (strong mode), ≥24h (work mode)
Beam distance:	≥118m (strong mode), ≥87m (work mode)
Battery type:	18650 lithium battery (IEC 61233, IEC 61960)
Battery capacity:	3.6V, 10050mAh
Charging way:	matched 1000/01-B52 charging base
Charging time:	≤12h
Charging cycles:	500 cycles
Lifespan:	50,000h (without battery)
Position indicator:	Blue / Green / Yellow / Red / White (optional)

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 Handlamp	610	ExMP52R-□
	Explosion Proof Rechargeable LED Handlamp (with magnetic)	670	ExMP52R-□-M
	Explosion Proof Rechargeable LED Handlamp + Charging base + Power cord	983	ExMP52R-□-+B52-□
	Explosion Proof Rechargeable LED Handlamp (with magnetic) + Charging base + Power cord	1043	ExMP52R-□-M+B52-□

0-Without ● R-Red ● G-Green ● Y-Yellow ● B-Blue ○ W-white — Color of position indicator

GB 
 EN 
 BS 
 ANSI 
 AS 
 JIS — Code of plug

Note: Users can choose type B 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.



Suspended type. It can be hung on the stand to free your hands when working.

## Charging system

- ExMP52R 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 3 charging ports - AC 100-250V/0.5A, DC 5.0V/2A and a matched integrated charging port at the bottom. Safe, simple and convenient.
- This product is suitable for type B integrated charging track rail.

DC 5.0V/2A

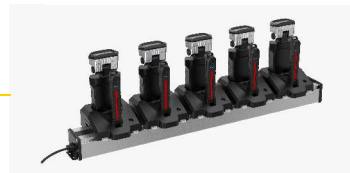


Individual Charging

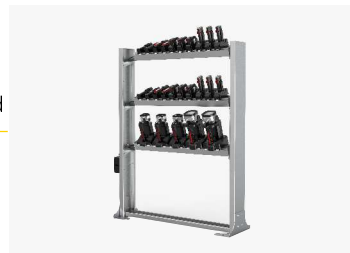


AC 100-250V, 50/60Hz

Type B Integrated Charging Track Rail

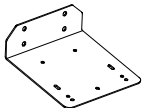



Integrated Charging Stand

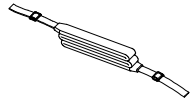
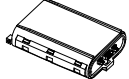

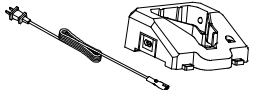


Note: For technical parameters of integrated charging track rail and integrated charging stand, please refer to pages 03-05.

## Spare parts

Illustration	Description	Weight (g)	Order No.
Wall mounted bracket 	304 stainless steel 	435	1000/11-03-01

## Spare parts

Illustration	Description	Weight (g)	Order No.
Shoulder carrying strap 	/	30	1000/11-02-01
Lithium battery pack 	3.6V, 10050mAh	158	1000/05-R52-Ex
USB cable 	Input voltage/current: DC 5.0V/2000mA	94	1000/12-01
Charging base + Power cord 	Input voltage/current: AC 100-250V/500mA Input voltage/current: DC 5.0V/2000mA	373	1000/01-B52-□



Code of plug

## Outline dimension (unit: mm)

