



6700mAh	I Ma	II 0/1/2	III 20/21/22
Lithium Battery	Mine	Gas	Dust

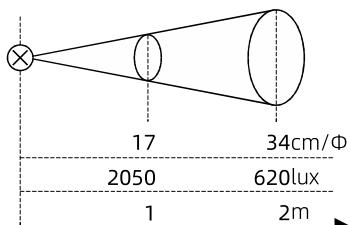
ExMP61R

Explosion Proof
Rechargeable
LED Headtorch



Description

- Suitable for explosive environment class I, class II zone 0, 1, 2, class III zone 20, 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.

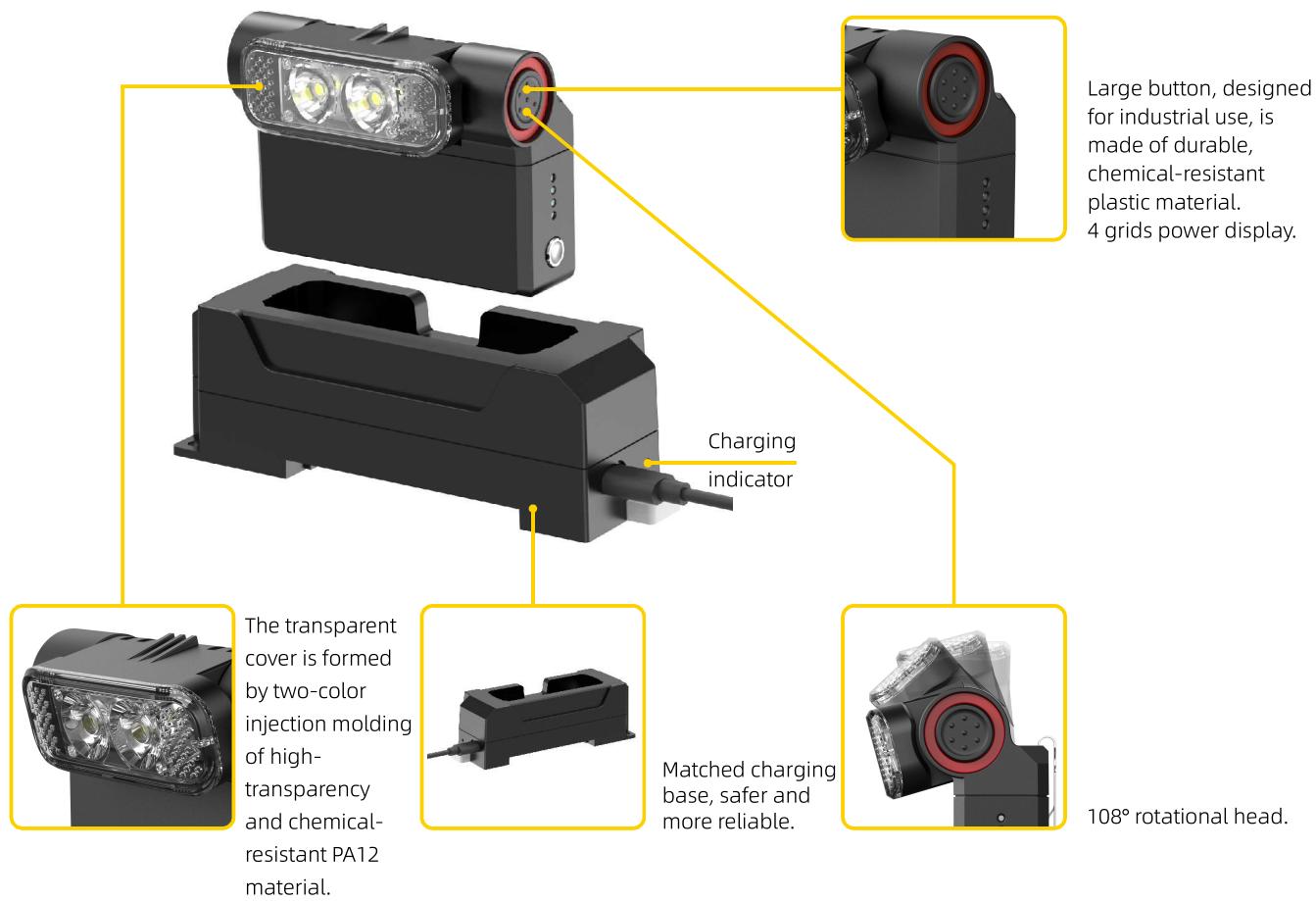


Parameters

Models:	ExMP61R-1	ExMP61R-2
Certifications:	IECEx, ATEX	IECEx, ATEX
Ex mark:	Ex ia I Ma IECEx Ex ia IIC T4 Ga Ex ia IIIB T130°C Da ATEX Ex ia I M1 Ex ia I Ma Ex ia II 1 G Ex ia IIC T4 Ga Ex ia II 1 D Ex ia IIIB T130°C Da	IECEx Ex ia IIIC T4 Ga Ex ia IIIB T130°C Da ATEX Ex ia II 1 G Ex ia IIC T4 Ga Ex ia II 1 D Ex ia IIIB T130°C Da
Usage:	I, II Zone 0/1/2, III Zone 20/21/22	II Zone 0/1/2, III Zone 20/21/22
Working ambient temp.:	-20°C≤Ta≤+55°C	-40°C≤Ta≤+55°C
Ingress protection:	IP66/67	IP66/67
CCT:	6500K	6500K
Luminous flux:	≥170lm (strong mode), ≥90lm (work mode)	≥170lm (strong mode), ≥90lm (work mode)
Run time:	≥7.5h (strong mode), ≥13h (work mode)	≥10h (strong mode), ≥18h (work mode)
Battery type:	lithium battery (IEC 61233, IEC 61960)	lithium battery (IEC 61233, IEC 61960)
Battery capacity:	3.6V, 3350mAh	3.6V, 6700mAh
Charging way:	matched 1000/01-A61	matched 1000/01-A61
Charging time:	charging base	charging base
Recharging cycles:	< 6.5h	< 14h
Lifespan:	500 cycles	500 cycles
	50,000h (without battery)	50,000h (without battery)

Note: The luminous flux and continuous discharge time are the values measured under the environment of $-20^{\circ}\text{C} \leq \text{Ta} \leq +55^{\circ}\text{C}$.

Features



Order specifications

Illustration	Description	Battery capacity	Weight (g)	Order No.
	Explosion Proof Rechargeable LED Headtorch	3.6V, 3350mAh	159	ExMP61R-1
		3.6V, 6700mAh	209	ExMP61R-2
	Explosion Proof Rechargeable LED Headtorch + Charging base + Adapter	3.6V, 3350mAh	330	ExMP61R-1+A61-□-□
		3.6V, 6700mAh	380	ExMP61R-2+A61-□-□



GB



EN



BS



ANSI



AS



JIS

Code of plug

Installation accessories (see page 21 for details)

Optional

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

Installation diagram



Headband type



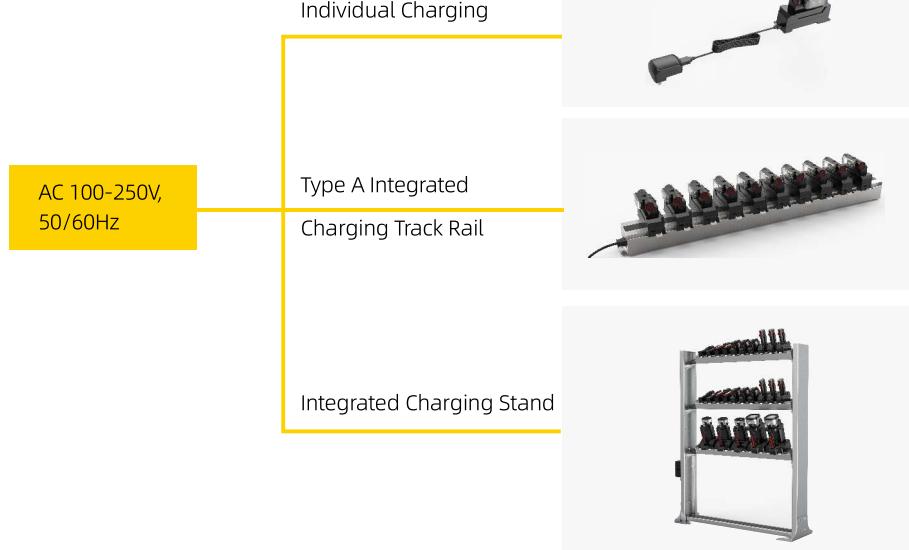
Helmet connecting type



Pocket clip type

Charging system

- ExMP61R 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.



Spare parts

Illustration	Description	Weight (g)	Order No.
A line drawing of a black headband with a buckle.		61	1000/11-02-03
A line drawing of a white plastic bracket attached to a white hard hat.		4	1000/11-01-04

Spare parts

Illustration	Description	Weight (g)	Order No.
Battery pack	3.6V, 6700mAH	100	1000/05-R61-2-Ex
	3.6V, 3350mAh	51	1000/05-R61-1-Ex
Charging base	Input voltage/ current: DC 5.0V/2000mA	102	1000/01-A61
Charging base + Adapter	Input voltage/ current: AC 100-250V/500mA Input voltage/ current: DC 5.0V/2000mA	173	1000/01-A61-□

 GB
  EN
  BS
  ANSI
  AS
  JIS
 Code of plug

Outline dimension (unit: mm)

