ExMP61R-1
ExMP61R-2

Explosion Proof
Rechargeable
LED Headtorch

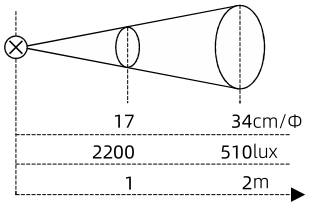
6700mAh	I	II	III
	Ma	0/1/2	21/22
Lithium Battery	Mine	Gas	Dust



+ Additional approval (South Africa):
IA approved, MTEx Laboratories IA Certificate MTEx-MS/26.0831 X

Description

- Suitable for explosive environment class I, class II zone 0, 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.

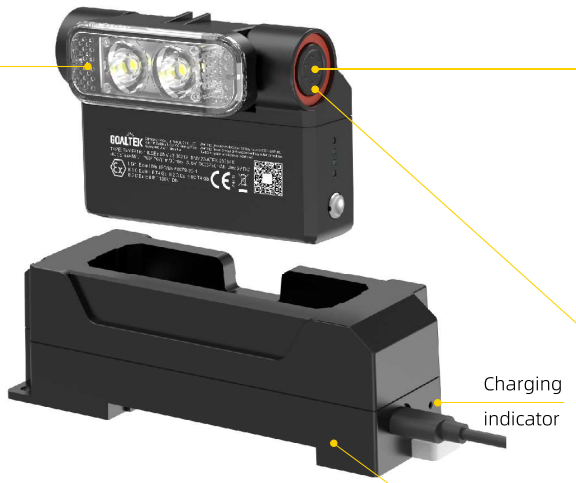


Parameters

Models:	ExMP61R-1	ExMP61R-2
Certifications:	IECEx, ATEX, EAC	IECEx, ATEX, EAC
Ex mark:	IECEx Ex ia I Ma Ex ia IIB T4 Ga Ex ib IIC T4 Gb Ex ib IIIB T130℃ Db	IECEx Ex ia IIB T4 Ga Ex ib IIC T4 Gb Ex ib IIIB T130℃ Db
	ATEX I M1 Ex ia I Ma II 1 G Ex ia IIB T4 Ga II 2 G Ex ib IIC T4 Gb II 2 D Ex ib IIIB T130℃ Db	ATEX II 1 G Ex ia IIB T4 Ga II 2 G Ex ib IIC T4 Gb II 2 D Ex ib IIIB T130℃ Db
Usage:	I, II Zone 0/1/2, III Zone 21/22	II Zone 0/1/2, III Zone 21/22
Working ambient temp.:	-40℃≤Ta≤+55℃	-40℃≤Ta≤+55℃
Ingress protection:	IP66/67	IP66/67
CCT:	6500K	6500K
Luminous flux:	≥220lm (strong mode) ≥100lm (work mode) ≥100lm (SOS mode)	≥220lm (strong mode) ≥100lm (work mode) ≥100lm (SOS mode)
Run time:	≥9h (strong mode) ≥16h (work mode)	≥13h (strong mode) ≥24h (work mode)
Beam distance:	≥94m (strong mode) ≥57m (work mode)	≥94m (strong mode) ≥57m (work mode)
Battery type:	18650 lithium battery (IEC 61233, IEC 61960)	18650 lithium battery (IEC 61233, IEC 61960)
Battery capacity:	3.6V, 3350mAh	3.6V, 6700mAh
Charging way:	matched 1000/01-A61 charging base	matched 1000/01-A61 charging base
Charging time:	≤5h	≤9h
Recharging cycles:	500 cycles	500 cycles
Lifespan:	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℃≤Ta≤+55℃.

Features





Large button, designed for industrial use, is made of durable, chemical-resistant nylon.
4 grids power display.



108° rotational head.

Charging indicator



The transparent cover is formed by ultrasonic welding of high-transparency and chemical-resistant high performance nylon material.



Matched charging base, safer and more reliable.

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

Mounting accessories (see page 21 for details) — Optional

Note: Users can choose type A integrated charging track rail and integrated charging stand. Please see pages 03-05 for details.

Installation diagram



Headband type



Helmet connecting type



Pocket clip type

Charging system

- ExMP61R-1 and ExMP61R-2 are 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

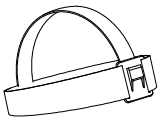
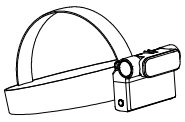


Integrated Charging Stand

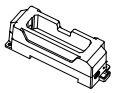
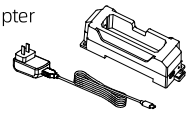


Note: For technical parameters of integrated charging track rail and integrated charging stand, please refer to pages 03-05.

Mounting accessories

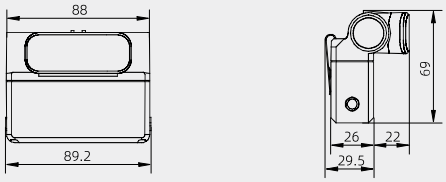
Illustration	Description	Weight (g)	Order No.
Headband 		61	1000/11-02-03
Helmet fixing bracket 		4	1000/11-01-04

Spare parts

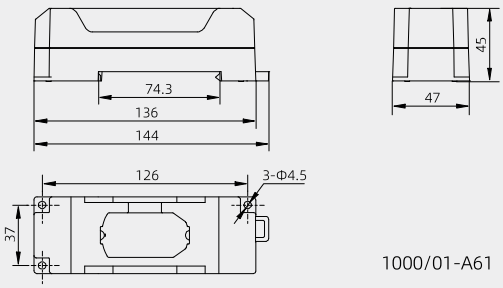
Illustration	Description	Weight (g)	Order No.
Lithium battery pack 	3.6V, 6700mAh	100	1000/05-R61-2-Ex
	3.6V, 3350mAh	51	1000/05-R61-1-Ex
Charging base 	Input voltage/ current: DC 5.0V/2000mA	102	1000/01-A61
Charging base + Adapter 	Input voltage/ current: AC 100-250V/500mA Input voltage/ current: DC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

GB EN BS ANSI AS JIS — Code of plug

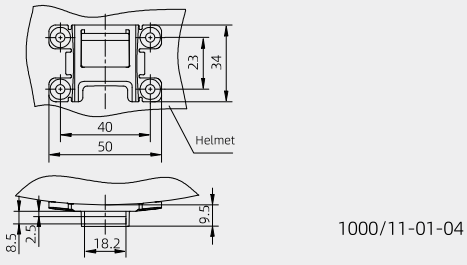
Outline dimension (unit: mm)



ExMP61R-1/ExMP61R-2



1000/01-A61



1000/11-01-04