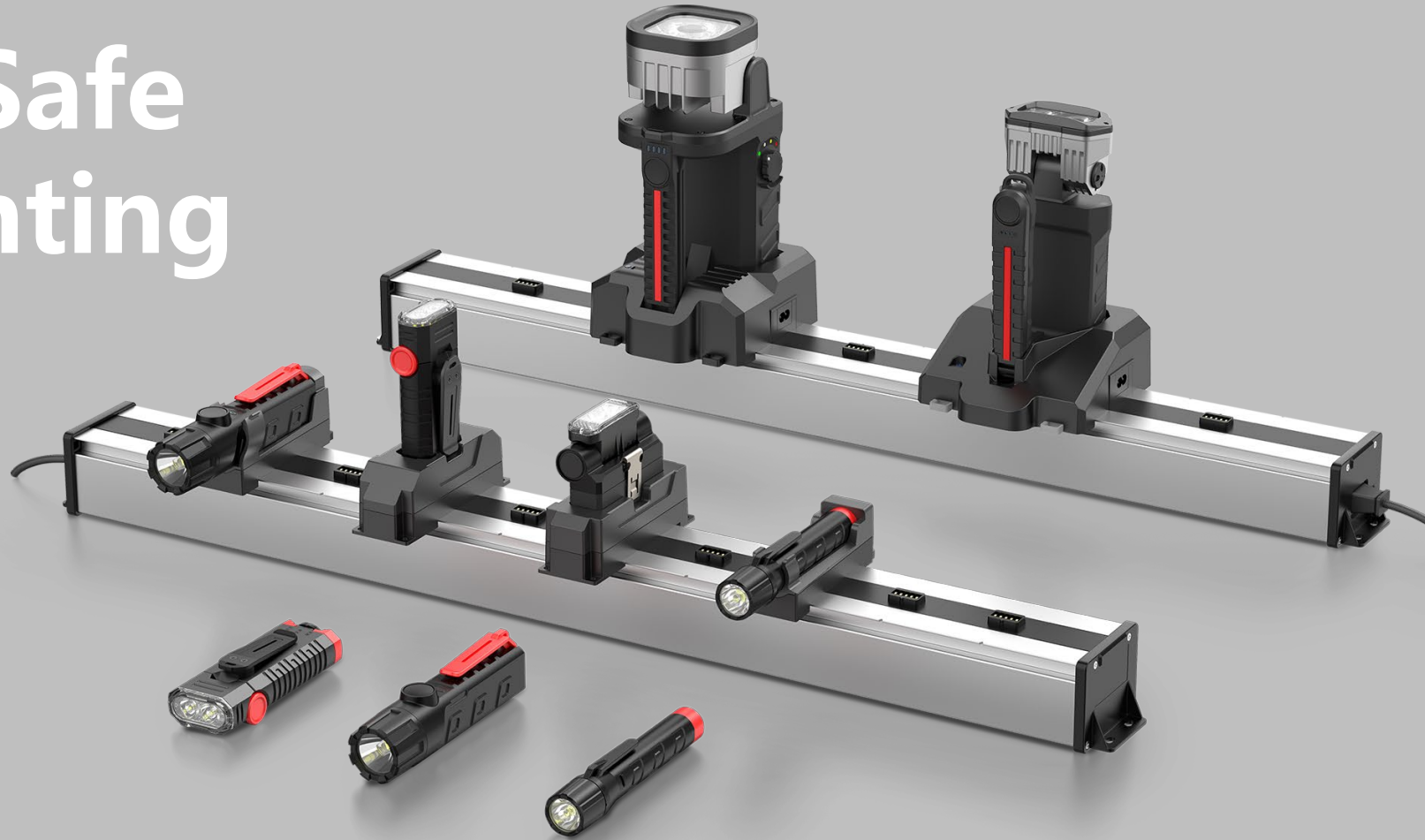


Intrinsically Safe Portable Lighting



Portfolio Introduction

ATEX Flashlight



ExMP21N



ExMP31N



ExMP32N



ExMP21R



ExMP31R



ExMP32R

ATEX Hand lamps



ExMP51R



ExMP52R

ATEX Headtorch



ExMP61R-1
1 battery pack



ExMP61R-2
2 Battery pack

N: Alkaline battery R: Rechargeable

Portfolio Competitive Highlights

1

High
Performance
Nylon



2

Latest International
Ex-proof Standards
& Regulations



3

Integrated
Charging
System



4

Constant Current
Source
Design



5

Modular &
Standard
Design



6

Comprehensive
Lifecycle
Design



Top Explosion-proof Design For Safety

GOALTEK



High level

- Intrinsically safe explosion-proof circuit design
- Not become an explosion ignition source under normal, faulty or rare conditions
- Avoid danger from the original source



High safety

Suitable for explosive environments up to Class I, Class II Zone 0/1/2 and Class III Zone 21/22



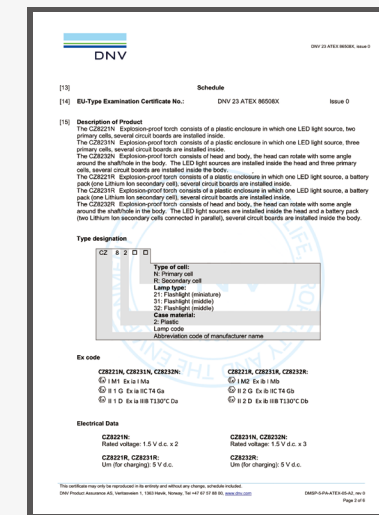
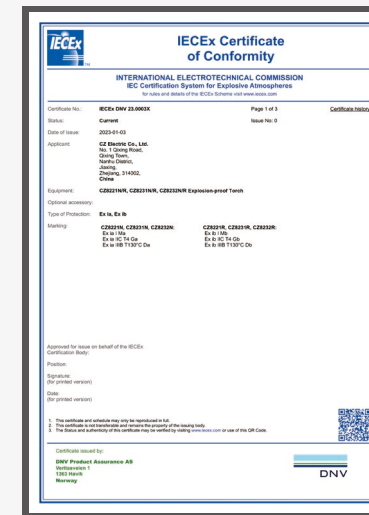
Multi-application

Applicable to coal mining, petroleum, chemical industry, railway, power grid, public security, fire protection, metallurgy, textile, papermaking and other industries



High standard

Passed ATEX and IECEx dual certification from DNV



SAFELY
LIGHTEN
EACH
AND
EVERYDAY

High Performance Material For Excellence

GOALTEK



Flammability & Heat Resistance

Passed UL94 test, ensuring high heat resistance and strong dimensional stability; safe for long-term use in high-temperature environments.



Anti-Static Properties

Shell eliminates static electricity, reducing the risk of electric sparks and enhancing safety in hazardous operations.



Chemical Resistance

Corrosion-resistant, oil-resistant, and aging-resistant; effective against a wide range of chemicals.

SAFELY
LIGHTEN
EACH
AND
EVERYDAY

Constant Output For Reliability

→ Constant Current Output Circuit Design

Design Based on the pragmatic lighting needs of industrial maintenance

Improved Safety

Minimizes risks by ensuring safe operation in hazardous environment

Stable Performance

Provides consistent brightness, eliminating flickering in critical work areas

Extended LED Lifespan

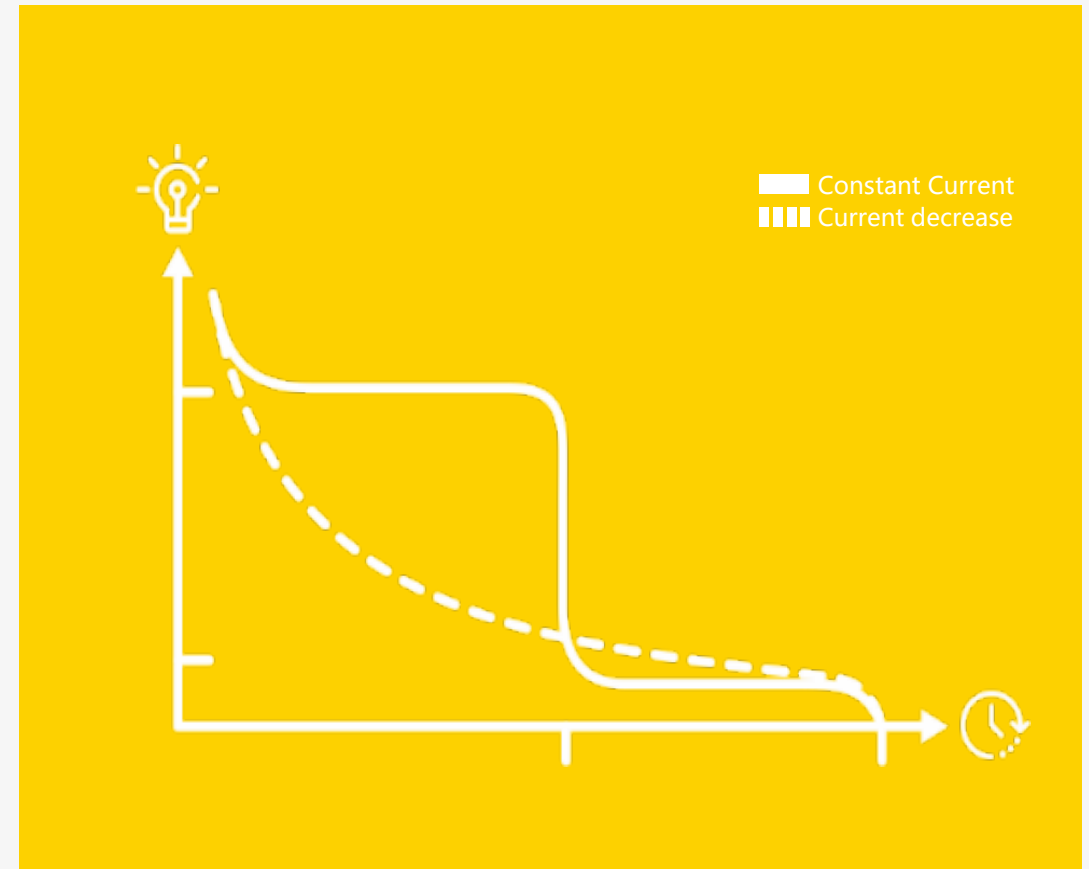
Prolongs LED life by preventing stress from power fluctuations

Energy Efficiency

Optimizes energy usage, making it ideal for rechargeable portable lights

Enhanced Durability

Protects electrical components from damage, increasing overall durability



Leading Lithium-ion Battery Tech For Innovation

GOALTEK



Four Layers Of Protection

- Overcharge, over-discharge,
- short circuit, overheat protection



4-grid Battery Indicator

- The last light flashing, means 15 minutes left



Sufficient Battery Capacity

- Meet the needs of long-term operation durability



Low Battery Warning

- The last indicator light will flash continuously to remind you to charge as soon as possible



500 Cycle

- Sufficient capacity for reliable use



0 Memory Effect

- Charge and discharge at any time

SAFELY
LIGHTEN
EACH
AND
EVERYDAY

Smart Modular Design For Efficiency

GOALTEK



Top Performance

Leverage two color injection molding craftsmanship for heads of the lamps for ultra closeness and excellent performance

Effortless Maintenance

Quick, on-site module replacements reduce downtime and eliminate the hassle of costly repairs

Streamlined Inventory Management

Simplify spare parts strategy with interchangeable modules, reducing both cost and complexity

Economical Total Cost of Ownership

Save on long-term expense by replacing individual modules instead of purchasing new units

*models such as 21N/R, 31N/R etc.

SAFELY
LIGHTEN
EACH
AND
EVERYDAY

Exclusive Integrated Charging Solution For Value-added

Integrated Charging System

**CHARGE SMARTER
WORK SAFER**

Power Up With Ease
Just **Plug** And **Play**



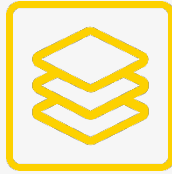
GOALTEK

SAFELY
LIGHTEN
EACH
AND
EVERYDAY

Integrated Charging Solution Overview



Smart
Charging



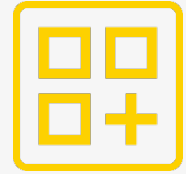
Efficient
Space Utilization



Streamlined
Operations
& Personnel
Management



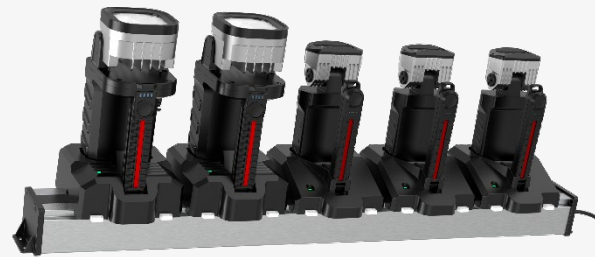
Enhanced
Durability



Future-proof
Flexibility



Charging Base



Charging Rack



Charging Stand

Integrated Charging Solution: Standalone

Type A/B Charging Base

Type A



Type B



Exclusive Use

- Not mix with other charging devices to avoid the risk



Wide Voltage Range

- AC 100-250V, 50/60Hz



Gold-plated/Nickel-plated

- Excellent conductivity, efficient electrical connection
- Anti-corrosion and stable



Multiple Charging Ports

- USB-C port dedicated charging port for rack, single charging or Group together



Square Charging Base

- Tailor made square shaped design for steadability in challenging enviroment



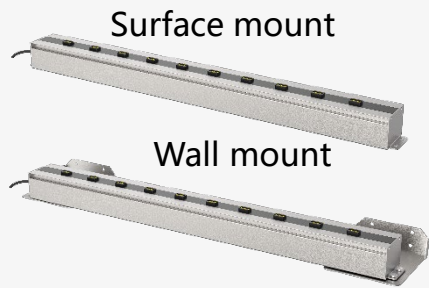
Charging Status Indicator

- Charging indicator light to display the charging status in real time.
- Red light: Charging
- Green light: Charging completed

Integrated Charging Solution: Charging Rack

Type A/B Charging Rack

Type A



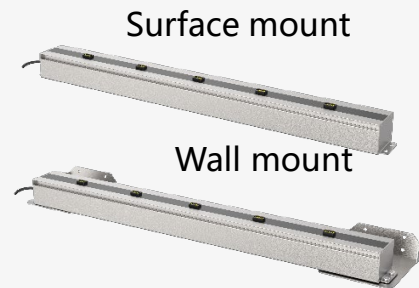
Voltage

AC 100-250V, 50/60Hz

Ambient temperature

$-20^{\circ}\text{C} \leq T_a \leq 55^{\circ}\text{C}$,
Indoor Non-ATEX area

Type B



Power

Max 150W

Compatible

EX and Non-ATEX



Centralized Management

- Clean, tidy avoid risk



Multiple Installation Methods

- Surface
- Wall mount
- Free-style



Positioning Anti-mistake

- Convex& concave point



Single Hand Quick Disassembly

- Remove buckle,pull out



Double Side Input

- OEM input junction box
left or right side



Multiple Charging Model &Qty

- Type A:10pcs
- Type B:5pcs

Integrated Charging Solution: Charging Stand

Exclusive Charging Stand

Voltage

AC 100-250V,
50/60Hz

Power

Max 3×150W (Single)
Max 6×150W (Double)

Temperature

-20°C ≤ Ta ≤ 55°C
Indoor non-ATEX
area

Main power

Junction box
AC 220V

Compatible

ATEX series
Non-ATEX range

Installation

Fixed

Vertical Design

- Saves space
- High efficiency



Single row

Multiple Charging Port

- Single & Double row, 30-60pcs



Double row

	ExMP21N ExMP21R	ExMP31N ExMP31R	ExMP32N ExMP32R	ExMP51R	ExMP52R	ExMP61R-1	ExMP61R-2
Ambient Temperature	-40°C~+55°C	-40°C~+55°C	-40°C~+55°C	-20°C~+55°C	-40°C~+55°C	-40°C~+55°C	-40°C~+55°C
Impact Resistance	1m	1m	1m	1m	1m	2m	1m
Area Of Classification	N: I, II Zone 0/1/2 III Zone 21/22 R: I, II Zone 1/2 III Zone 21/22	N: I, II Zone 0/1/2 III Zone 21/22 R: I, II Zone 1/2 III Zone 21/22	N: I, II Zone 0/1/2 III Zone 21/22 R: I, II Zone 1/2 III Zone 21/22	II Zone 1/2 III Zone 21/22	II Zone 1/2 III Zone 21/22	I, II Zone 0/1/2 III Zone 21/22	II Zone 0/1/2 III Zone 21/22

	ExMP21N	ExMP21R	ExMP31N ExMP31R	ExMP32N ExMP32R	ExMP51R	ExMP52R	ExMP61R-1 ExMP61R-2
Working Mode	√	√	√	Flood √ Spot√	√	√	√
Strong Mode	×	√	√	Flood + Spot √	√	√	√
S.O.S	×	×	√	√	√	√	√

Key Features For Each Model

www.goaltek.cn

ExMP21N/R

ExMP21N / ExMP21R



Carrying strap

- Easy to carry



Helmet Wearing

- L shape
- U shape



Pocket clip

ExMP21R



Tail red position light

Follow me lights

- On/Off same time light and tail light
- Positioning light for teammate



Modular design

Rechargeable

- Tool free



Power indicator

Rechargeable

- Long press the switch, the number of flashes indicates the power level
- Flashes: 4 times (75%↑), 3 times (75%-50%), 2 times (50%-25%), 1 time (25%↓)

ExMP31N/R



Dual Power Source

- Modular Design
- Tool Free



Belt clip

- Hands-free
- 360° rotation



ExMP32N/R



ExMP32N、ExMP32R



90° Right Angle

- 9 Grid, each 10°
- Multi-speed adjustment allows for more accurate lighting



36,000 Headlight Bends



ExMP32N



Knob battery switch



Unti-mistake design



ExMP51R



Knob switch



Anti-slip



Ergonomic design



10,000+ Head bends



Die-casting lamp head
● Better heat dissipation



90° Right angle
● 3 grid, each 30°

ExMP52R



Two Lights On At The Same Time

- Front&indicator lights



Warning Lights

- Positioning lights



OEM Positioning Light

- OEM color



Die-casting Head

- Better heat dissipation



180 Degree Rotation



20,000+ Head Bends

ExMP61R-1 / ExMP61R-2



(ExMP61R-1)
3350mAh

Head Band



Helmet Brackets



Pocket Clip



(ExMP61R-2)
6700mAh



108° Degree
● 6grid, each 18° for multiple use



20,000+ Head Bending



Thank you!

www.goaltek.cn
info@goaltek.cn

