

## LED

IP65

-20 °C

+50 °C



## Application

It is ideal for coal mining, tapping rubber, outdoor adventure, fishing, hunting, camping, auto repair and other related areas. It is also suitable for industrial and agricultural productions.

## Characteristics of Performance

- It adopts single 1(main)+6(auxiliary) LED light source with high efficiency. KL2.5LMA's effect beam range can reach 300 meters. High intensity light and low intensity light are switchable.
- This product has battery intelligent charge management, charging and full electric lights turn directly, overcharge and over discharge protected, this function can highly extend the battery and lamp's life.
- It is sealed to IP65, water proof to 1 meter. Powered by lithium battery which provide a long service life and low discharge performance.
- The mining headlight clip adopts anti dropping treatment. Easy to carry.
- The charging, discharging, constant current controlled by the chip with multiple protection.

## Main specification

Specification	Unit	KL2.5LMA
Rated Voltage	V	3.3
Rated Power	W	1
Rated Capacity Of Battery	mAh	2,800
Light Output (high)	lux	4,000
Light Output (low)	lux	2,800
Effective Beam Range	m	300
Runtime (high)	h	12
Runtime (low)	h	20
Charging Time	h	3
Service Life Of Bulb	h	100,000
Battery Recharge Cycle	Times	≈1,000
Dimension	mm	φ 50×65
Net Weight	Kg	0.12

## Notice for Charging

- Please use special charger to charging until the indicator turn to green in the first time or long time without using, please turn off lamp when it is charging to protect miner lamp's service time.

# KL2.5LMB CREE 3W LED Mining Headlight



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## Application

It is ideal for coal mining, tapping rubber, outdoor adventure, fishing, hunting, camping, auto repair and other related areas. It is also suitable for industrial and agricultural productions.

## Characteristics of Performance

- It adopts single one CREE LED light source with high efficiency. KL2.5LMB's effect beam range can reach 400 meters. High intensity light and low intensity light are switchable.
- This product has battery intelligent charge management, charging and full electric lights turn directly, overcharge and over discharge protected, this function can highly extend the battery and lamp's life.
- It is sealed to IP65, water proof to 1 meter. Powered by lithium battery which provide a long service life and low discharge performance.
- The mining headlight clip adopts anti dropping treatment. Easy to carry.
- The charging, discharging, constant current controlled by the chip with multiple protection.

## Main specification

Specification	Unit	KL2.5LMB
Rated Voltage	V	3.3
Rated Power	W	3
Rated Capacity Of Battery	mAh	2,800
Light Output (high)	lux	10,000
Light Output (low)	lux	4,000
Effective Beam Range	m	400
Runtime (high)	h	8
Runtime (low)	h	18
Charging Time	h	3
Service Life Of Bulb	h	100,000
Battery Recharge Cycle	Times	≈1,000
Dimension	mm	φ 50×65
Net Weight	Kg	0.12

## Notice for Charging

- Please use special charger to charging until the indicator turn to green in the first time or long time without using, please turn off lamp when it is charging to protect miner lamp's service time.

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## Application

It is ideal for coal mining, tapping rubber, outdoor adventure, fishing, hunting, camping, auto repair and other related areas. It is also suitable for industrial and agricultural productions.

## Characteristics of Performance

- It adopts single 1(main)+6(auxiliary) LED light source with high efficiency. KL3LMA's effect beam range can reach 300 meters. High intensity light and low intensity light are switchable.
- This product has battery intelligent charge management, charging and full electric lights turn directly, overcharge and over discharge protected, this function can highly extend the battery and lamp's life.
- It is sealed to IP65, water proof to 1 meter. Powered by lithium battery which provide a long service life and low discharge performance.
- The mining headlight clip adopts anti dropping treatment. Easy to carry.
- The charging, discharging, constant current controlled by the chip with multiple protection.

## Main specification

Specification	Unit	KL3LMA
Rated Voltage	V	3.7
Rated Power	W	1
Rated Capacity Of Battery	mAh	3,000
Light Output (high)	lux	4,000
Light Output (low)	lux	2,800
Effective Beam Range	m	300
Runtime (high)	h	12
Runtime (low)	h	20
Charging Time	h	3
Service Life Of Bulb	h	100,000
Battery Recharge Cycle	Times	≈1,000
Dimension	mm	φ 55×60
Net Weight	Kg	0.12

## Notice for Charging

- Please use special charger to charging until the indicator turn to green in the first time or long time without using, please turn off lamp when it is charging to protect miner lamp's service time.



# KL3LMB LED Mining Cap Lamp



## LED

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## Application

It is ideal for coal mining, tapping rubber, outdoor adventure, fishing, hunting, camping, auto repair and other related areas. It is also suitable for industrial and agricultural productions.

## Characteristics of Performance

- It adopts single 1(main)+6(auxiliary) LED light source with high efficiency. KL3LMB's effect beam range can reach 300 meters. High intensity light and low intensity light are switchable.
- This product has battery intelligent charge management, charging and full electric lights turn directly, overcharge and over discharge protected, this function can highly extend the battery and lamp's life.
- It is sealed to IP65, water proof to 1 meter. Powered by lithium battery which provide a long service life and low discharge performance.
- The mining headlight clip adopts anti dropping treatment. Easy to carry.
- The charging, discharging, constant current controlled by the chip with multiple protection.

## Main specification

Specification	Unit	KL3LMB
Rated Voltage	V	3.7
Rated Power	W	1
Rated Capacity Of Battery	mAh	3,000
Light Output (high)	lux	4,000
Light Output (low)	lux	2,800
Effective Beam Range	m	300
Runtime (high)	h	12
Runtime (low)	h	20
Charging Time	h	3
Service Life Of Bulb	h	100,000
Battery Recharge Cycle	Times	≈1,000
Dimension	mm	φ 53×58
Net Weight	Kg	0.12

## Notice for Charging

- Please use special charger to charging until the indicator turn to green in the first time or long time without using, please turn off lamp when it is charging to protect miner lamp's service time.

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## Application

It is ideal for coal mining, tapping rubber, outdoor adventure, fishing, hunting, camping, auto repair and other related areas. It is also suitable for industrial and agricultural productions.

## Characteristics of Performance

- It adopts single 1(main)+6(auxiliary) LED light source with high efficiency. KL4.5LMB's effect beam range can reach 350 meters. High intensity light and low intensity light are switchable.
- This product has battery intelligent charge management, charging and full electric lights turn directly, overcharge and over discharge protected, this function can highly extend the battery and lamp's life.
- It is sealed to IP65, water proof to 1 meter. Powered by lithium battery which provide a long service life and low discharge performance.
- The mining headlight clip adopts anti dropping treatment. Easy to carry.
- The charging, discharging, constant current controlled by the chip with multiple protection.

## Main specification

Specification	Unit	KL4.5LMB
Rated Voltage	V	3.7
Rated Power	W	3
Rated Capacity Of Battery	mAh	4,500
Light Output (high)	lux	5,000
Light Output (low)	lux	3,500
Effective Beam Range	m	350
Runtime (high)	h	10
Runtime (low)	h	18
Charging Time	h	3
Service Life Of Bulb	h	100,000
Battery Recharge Cycle	Times	≈1,000
Dimension	mm	φ 50×65
Net Weight	Kg	0.15

## LED Display Function Key Instruction

- To press one time, LED display show code sequence.
- To press two times is show time.
- To press three times, it shows battery power 4 grid show battery power is fully, 1 grid show little power.

# BK2000 LED Mining Cap Lamp



**LED**

IP65

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+50 °C



## Application

It is ideal for coal mining, tapping rubber, outdoor adventure, fishing, hunting, camping, auto repair and other related areas. It is also suitable for industrial and agricultural productions.

## Characteristics of Performance

- It adopts single 1(main)+6(auxiliary) LED light source with high efficiency. BK2000's effect beam range can reach 300 meters. High intensity light and low intensity light are switchable.
- This product has battery intelligent charge management, charging and full electric lights turn directly, overcharge and over discharge protected, this function can highly extend the battery and lamp's life.
- It is sealed to IP65, water proof to 1 meter. Powered by lithium battery which provide a long service life and low discharge performance.
- The mining headlight clip adopts anti dropping treatment. Easy to carry.
- The charging, discharging, constant current controlled by the chip with multiple protection.

## Main specification

Specification	Unit	BK2000
Rated Voltage	V	3.7
Rated Power	W	1
Rated Capacity Of Battery	mAh	3,000
Light Output (high)	lux	4,000
Light Output (low)	lux	2,800
Effective Beam Range	m	300
Runtime (high)	h	12
Runtime (low)	h	18
Charging Time	h	3
Service Life Of Bulb	h	100,000
Battery Recharge Cycle	Times	≈1,000
Dimension	mm	φ 53×58
Net Weight	Kg	0.12

## Notice for Charging

- Please use special charger to charging until the indicator turn to green in the first time or long time without using, please turn off lamp when it is charging to protect miner lamp's service time.



## LED



Ex Code: Ex ib IIC T4  
Standard: GB3836.1, GB3836.4  
IEC60079-11:2006,MOD



Head mounting



Helmet mounting



Head mounting



Buckle

## Application

It is used as safety helmet head light explosive gas, vapour and mist places. It is the ideal lighting solution for workers in power station, oil field, chemical industry, fire fighting, railway station, military etc.

## Characteristics of Performance

- It not only can be fixed onto the helmet with the screws provided, but also can be fixed onto the helmet or head by the elastic headband. The head of the light is adjustable within 90°, operator can rotate the head of light to the desired direction.
- The red strobe light design to suit numerous application where indication is critical during emergency. Press the button and switch to the red strobe light mode, it can let others identify the position of the worker.
- This product has battery status indication and low battery warning function. Operator can check the battery status at any time. Towards the end of discharge, the beam flashes off repeatedly, warning recharging is required.
- Adopts CREE LED light source with high light efficacy and 100,000 hours service life. Use of the latest safety increased lithium-ion battery technology improves reliability and environment friendly.
- The charger is controlled by intelligent chip, with various protection.

## Main specification

Specification		Unit	BK6310A	BK6310B	
Rated Voltage		V	3.7	3.7	
Rated Capacity		Ah	1.4	1.4	
Light source	Light Output	High	lm	135	83
		Low	lm	75	60
	Flux (1 meter)	High	Lux	1,750	980
Low		Lux	950	550	
Service Life Of Bulb		h	100,000	100,000	
Runtime	High	h	4	8	
	Low	h	8	16	
Time Of Charging		h	4	4	
Battery Recharge Cycle		Times	≈1,000	≈1,000	
Dimension		mm	50×65×60	50×65×60	
Net Weight		g	85	85	

## Drawing of dimension (Dimensions in mm)

