

Miner's Caplamp KL6Ex

ATEX (Ex ia I M1) certified, in accordance with Directive 2014/34/EU, complies with standard:
EN 60079-0: 2012
EN 60079-11: 2012
EN 60079-35-1: 2011
EN 50303:2000



This lamp is specially designed for use in underground mining operations.

Utilizes 6000mAh capacity lithium-ion batteries, the batteries are sealed in a high impact-resistant and water-resistant ABS enclosure, maintenance for free.

Adopts high power LED light source, with 1 main light for working and 4 auxiliary lights for emergency lighting. The main light max illumination reaches to 7500Lux, working time more than 17 hours.

The head piece and battery box are connected by a cable with length of 1.45 meters, the head piece with a stainless steel clip that can be attached to a safety helmet, the lamp net weight is around 630g.

Parameters

Battery capacity	Li-ion, 6000mAh		
Rated voltage	3.7V		
Lighting time	> 17 hours		
Main light source	Working current	0.28A	
	Illumination at 1m apart from the lamp	Lighting begin	≥7500Lux
		After 11 hours	≥5000Lux
Auxiliary light source	Working current	0.06A	
Cap lamp lifespan	2 years		
Charging time	< 10 hours		
Charging voltage	(6~8)V		
Charging cycle	> 500 cycles		
Explosion protection type	Ex ia I Ma 		
Ingress protection	IP65		
Battery pack dimension	Headpiece: Φ71×75 mm, Battery pack: (72*65*18)mm		
Weight	650g		
Cable length	1.45m		

Miner's Caplamp KL1.2Ex



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Mining cap lamp KL1.2Ex is specially designed for use in underground mining operations.

Utilities 1300mAh capacity lithium-ion batteries and latest LED light source, with all-in-one design, very small and light.

The light source with 1 main light for working and 4 auxiliary lights for emergency lighting, main light max illumination reaches to 3500Lux, working time more than 15 hours.

Built-in micro-controller and multiple safety protective circuit, intelligent management of charging & discharging process ensure the safety and reliability.

LED constant current driving mode ensures the light intensity of illumination basically remain unchanged after 11 hours' lighting.

Parameters

Item	Specification		
Battery	Lithium iron phosphate		
Rated capacity	1.4Ah		
Rated voltage	3.7V		
Lighting time	>15h		
Main lighting source	Operating current	0.12A	
	Max illumination (at 1m away from lamp)	When lighting begins	≥3500 lx
		After lighting for 11h	≥3000 lx
Rated power of auxiliary lighting source	0.2W		
Life of cap lamp	>2yrs		
Charging voltage	(6~8)V		
Charging time	≤8h		
Explosion-proof type	Ex ia I Ma		
Protection grade	IP65		
Dimensions	Φ67x80x75mm		
Weight	200g		

Isolated Chemical Oxygen Self-Rescuer K-SB30, K-SB50, K-SB60

CE Approval according to EN13794: 2002, "K" type of oxygen escape apparatus.

CE certificate No.:

K-SB30: EPT 0477.PPE.19/3073.1

K-SB50: EPT 0477.PPE.19/3075.1

K-SB60: EPT 0477.PPE.19/3076.1

They are self-contained and closed-circuit breathing apparatus that supply the wearer with oxygen which is generated from chemicals (KO₂), a respiratory protective device for emergency evacuation which function independently, protect the wearer during gas outbursts, fires and after explosions against toxic gases and oxygen deficiency while escaping or waiting for rescue.

Ergonomically system with waist, with stainless steel buckles, by mean of belt to regulate as the user want.

A humidity indicator to check the good condition of self rescuer.

A goggles protect the user against dust, irritating vapors produced in emergency.

A metallic cover protect the bottom of self-rescuer.

Parameters

Model	K-SB30	K-SB50	K-SB60
Duration of walking at a moderate speed	≥ 30 min	≥ 50 min	≥ 60 min
Duration at rest	≥ 90 min	≥ 150 min	≥ 180min
Max temperature on surface	200°C		
Inhalation temperature	≤ 50°C		
Size (L*W*H)	(202*119*191)mm	(202*119*206)mm	(202*119*221)mm
Weight	2.2 Kg	2.4Kg	2.6 Kg
Life in storage	10 years		
Life in carrying	5 years		

CE

