

FICHA TÉCNICA

SLU033

Miner's Caplamp KL1.2Ex

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



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

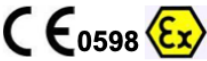
Utilities 1300mAh capacity lithium-ion batteries and latest LED light source, with all-in-one design, very small and light.

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

Battery	Lithium-ion		
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		



Press button:
ON (main light)-Auxiliary
lights-OFF



Main light: >15 hours
Auxiliary lights: >50 hours



Stainless steel clip fix the lamp
to a safety helmet.

Charging Unit



Single charger KZC1B



Charger rack KZC80A (80 lamps)