

## Mountain climbing helmet, out door rock helmet AU-M02



### Application field

### Sports helmet specifications:

Model No.	AU-M02 Rock climbing Helmet
External material:	ABS/PP Shell
Internal material:	EPS foam
Headband	PE Polyethylene
Lamp For pattern cutting System	External Nylon 4.1 Lamp Clips
Ear protector	30-35 dB NRR hearing Protector
Face Mask	PC plastic disambiguation/ PC plastic glasses/ iron mesh
The color of the	Red, yellow, Blue, green, Orange, black, white, pink
Size/Head the perimeter of the	51-62 cm
The weight of the	375 (g) (ear muffs are No included in the delivery)
The vents	10 air ventilation with aluminium/ nylon mesh
Technology	Injection
Certification	CE CS 12492 / 397
Sample time	3-7 Working day

MOQ	200 PCS
Packaging detail	1. PP bag, PE bag, Bunion card, The color of the box and custom design is welcomed.
	2. Carton packaging outside of the

## Specification of Outdoor sports portable lamp:

The light source	Lighting schemes	The brightness of the	The intensity of the	The distance of the	Light time
White	High	168 lm 30 hours	4270 cd	110 m h 30	30 (h)
	Medium	76 \$ 55 h	1970 cd	65 m 55 hours	55 h
	Low	11 lm to 120 hours	310 cd	9 m 120 hours	120 h
	SOS	17 lm	on	on	on
Red	High	on	on	8 m 80 (h)	80 h
	Strobe	on	on	on	on

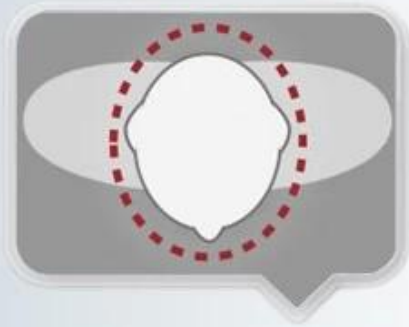
All of the above are tested for 100% real & amp; amp; the accuracy of the

- ◆ Size: 62 \* 37 \* 48 mm
- ◆ Net weight: 50 g (w/o battery)
- ◆ Light source: Cree cool white R3 & amp; amp; Ø5mm Red (Ultra clear)
- ◆ Trail: Spot/mixed/flood
- ◆ Resistance fall of 1.5-3 m
- ◆ Nominal voltage: DC 4.5 V
- ◆ Compatible batteries: 3 AAA batteries
- ◆ Housing material: imported PC
- ◆ Waterproof: IPX6 (water resistant)

**In the detail photos sports portable lamps.**







## **GETTING THE RIGHT FIT**

The headform was made according to ISO/DIS 6220 standard, and keeps 90% fitting rate.



## **QUICK-RELEASE RATCHET ADJUSTER**

New and proprietary Up-N-Down size adjustment system provides the most precise and comfortable fit.



### **NYLON STAP & LEATHER CHIN STRAP**

Designed to limit risk of losing helmet during a fall, side strap-adjustment to assist with a proper fit.



### **COMFORTABLE RAPID ABSORPTION ANTIBACTERIAL POLYESTER INNER PADS**

Polyester provides greater freshness, odor elimination, integrity and preservation of material, and reduction of washing frequency.

### **The field of application of protective helmets:**

The production of electrical energy, Iron Tower, BTS, Coal mining, Work at height, Petrochemical refining, offshore oil and gas, the plumber, lift maintenance, Mobile devices Maintenance, Aircraft maintenance, Pulp and paper, Civil infrastructure, The sea Rescue, Roof cleaning, Hiking...

## Area of application safety helmets



Power generation



Iron tower



BTS station



Coal mining



Work at height



Petrochemical refining



Offshore oil and gas



Plumber



Cable car maintenance



Mobile plant maintenance



Aircraft Maintenance



Pulp&paper



Civil infrastructure



Sea rescue



Roof Cleaning



Hiking

## Packaging information

The pack box was designed especially for safety helmet which can be greatly to save the space and protect the helmet. 18pcs/ctn color box:26\*21.5\*11.5cm mastercarton: 80\*45\*44CM 20ft Loadability□2500pcs



18pcs/ctn

color box: 26\*21.5\*11.5cm

mastercarton: 80\*45\*44CM

20ft Loadability: 2500pcs



The pack box was designed especially for safety helmet which can be greatly to save the space and protect the helmet.

### Our Test lab:

Even though we have considered every necessary elements to enhance the body structure in design, but we still use the professional equipment to inspect every aspects of our product! Our advanced in-house testing lab was built according to EN1078, EN397, EN12492, CPSC, etc. testing requirements. Before our mass production or send it to third-party testing organization, we check the quality ourselves & make sure they are qualified!



## Our In-house Testing Lab



### **Certification:**

Below is our certificate :we have ISO9001 ,letters patent ,CE documents ,and we have our own lab to make sure every our product can meet the testing requirements



## The helmet production procedure is as below:

silk screen → PC blister tooling → PC blister manufacture → Trimming dug hole → EPS raw material by different density → EPS in-mold tooling → helmet in-mold workshop → in-mold machines → in-mold tooling → in-mold producing process → semi-finished in-mold helmet → IQC inspection → helmet grinding → inner padding production → plastic injection workshop → assembly line → inside labeling → packing → warehouse → installed counters.

# Production Procedure



Silk screen



PC blister tooling



PC blister manufacture



Trimming dug hole



Eps raw material  
by different density



EPS in-mold tooling



Helmet in-mold workshop



In-mold machines



In-mold tooling



In-mold producing  
process



semi-finished In-mold  
helmet



IQC inspection



Helmet grinding



Inner padding production



Plastic injection  
workshop



Assembly line



Inside labeling



Packing



Warehouse



Installed counters