

## Detail description of constructions helmets:

|                         |  |
|-------------------------|--|
| Model No.               | AU-M02 construction helmets  |
| External material       | PP shell   |
| Inner material          | 4-points suspension system + soft inner pads   |
| headband                | PE Polythene   |
| Lamp Carring System     | External Nylon 6.6 Lamp Clips  |
| Earmuff                 | 30-35db NRR hearing protector  |
| Face mask               | PC plastic visor/ PC plastic goggle/ iron mesh   |
| Color                   | red, yellow, blue,green,orange,black,white,pink  |
| Size/Head circumference | 51-62cm  |
| Weight                  | 375 g (ear muffs and eyes shield are not included)   |
| Vents                   | 10 air ventilation with aluminum/ nylon mesh   |
| Technology              | Injection  |
| Certification           | CE EN397   |
| Sample time             | 3-7 working day  |
| helmet parts            | <a href="#">removable and washable padding</a> , head lock adjustment, Tetoron helmet strap, standard ITW buckle, helmet strap divider |
| Packing detail          | 1.PP bag, PE bag, Blister card, color box and custom-design is welcomed.<br>2. Carton packing outside                                  |

## Designer Hard Hats Accessories Available:

- 1) Safety helmet with LED light: headlamp AA/AAA led light.
- 2) Safety helmet with ear protection and mesh faceshield:

The durable shell of earmuff is made out of high impact resistant ABS material.The extra soft ear cushions provide you maximum seal, comfort and complete hearing protection.It is suitable for people who work in the high noisy workplace.

- 3) Safety helmet with plastic visor:

- New visor mounting system is made of polycarbonate and allows two positions : UP-on top of the helmet and Down-working position.
- Polycarbonate construction eliminates oxidation and loss of the traditional mounting screws.

- Expanded face-surface protection
- Equipped with a protective film to be removed before use.
- Certified CE EN166, anti-fog, anti-scratched.

The detail pictures of protective helmet:



## Nine color ways

|  |   |   |
|--|---|---|
| <br>Black color             | <br>White                  | <br>Navy blue pantone 7689 C   |
| <br>Pink pantone 806      | <br>Red pantone 185 C    | <br>Lime green pantone 375 C |
| <br>Yellow pantone 3965 U | <br>Orange pantone 165 C | <br>Grey pantone 432 C       |

# HELMETS

**AU-M02**  
Safety helmet | 375g | EN 397 | ANSI

Safety helmet is well ventilated with PP shell and 4 point webbing suspension system. The helmet comes with 4 clips carrying external headlamps, a new Up-N-Down size adjustment system with a central ratchet wheel and two lateral finger push winglets for an ultimate fit.  
ATTENTION: as a polypropylene material, it is a MOQ requirement to custom your own color, however, there is nine fashion color available for you.

WHITE  
RED  
YELLOW  
ORANGE  
GREEN  
BLUE  
BLACK  
GREY  
PINK





**Safety helmet**  
Work at height | electrician | intakes

The helmet comes with ten air intakes which provide efficient cooling and ventilation. The air intakes on the outer shell is equipped with protective aluminum anti-intrusion grille that prevents entry of debris into the helmet. If for electrician who want to have an insulation protection function, the material of intakes could be changed into nylon.

Intakes material:  
Aluminum  
Nylon

**Helmet specification**

Norm: EN 397  
Outer shell: PP, Polypropylene  
Size: universal 51-62cm headform  
Weight: (without ear defenders or visor): 375g  
Attachment of headlamps: nylon clips  
Color: white/red/yellow/orange/green/blue/black/grey/pink

Our top sell Safety helmet is well ventilated with PP shell and comes with 4 point webbing suspension system. The helmet comes with 4 clips carrying external headlamps, a new Up-N-Down size adjustment system with a central ratchet wheel and two lateral finger push winglets for an ultimate fit. We provided Nine color for your selection: WHITE, RED, YELLOW, ORANGE, GREEN, BLUE, BLACK, GREY, PINK. The helmet comes with ten air intakes which provide efficient cooling and ventilation. The air intakes on the outer shell is equipped with protective aluminum anti-intrusion grille that prevents entry of debris into the helmet. If for electrician who want to have an insulation protection function, the material of intakes could be changed into nylon.

## Comfortable fit with various heads



VERY GOOD!!



### QUICK-RELEASE RATCHET ADJUSTER

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

### Helmet Shape 101



**European Headform**  
An Oval shaped helmet is designed for a rider's head with a dimension which is considerably fit for Europeans.



**Generic headform**  
A generic headform helmet is designed for a rider's head with a dimension which is slightly longer front-to-back than its side-to-side measurement.



**Asian headform**  
A Round shaped helmet is designed for a rider's head with a dimension which is considerably fit for Asians.

Comfortable fit with various heads:

quick-release ratchet adjuster, New and proprietary Up-N-Down size adjustment system provides the most precise and comfortable fit.

## 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

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..

Helmet accessories available:

- 1) Safety helmet with LED light: headlamp led light.
- 2) Safety helmet with ear protection and mesh faceshield: Earmuff good sound insulation, Faceshield iron mesh.
- 3) Safety helmet with plastic visor The set is compatible with our special visor and earmuff: Visor plastic with eye protection, Earmuff good sound insulation.





## Accessories



### EARMUFF

The durable shell of earmuff is made out of high impact resistant ABS material. The extra soft ear cushions provide you maximum seal, comfort and complete hearing protection. It is suitable for people who work in the high noisy workplace.



Conform to the standard :  
CE EN 352-3:2002.  
Certified by:  
**INSPEC** CE 0194



### FACE SHIELD

this face shield is fitted for safety helmets, and it is widely used in cutting, grinding, building and mechanical industry. the raw material with UV protection is imported from Bayer Company of Germany. 1mm and 1.5mm thickness is available for you.



Conform to the standard :  
ANSI Z87.1-2003  
CSA Z94.3-07  
CE EN 166:2002-04  
Certified by:  
UL DIN CE 0194



### FACE SHIELD

Iron mesh face shield provides great protection for head, face and hearing. Easy to install or install.



Conform to the standard :  
CE EN 1731:2006F  
ANSI Z87.1-2003  
Certified by:  
UL INSPEC CE 0194

### EARMUFF:

The durable shell of earmuff is made out of high impact resistant ABS material. The extra soft ear cushions provide you maximum seal, comfort and complete hearing protection. It is suitable for people who work in the high noisy workplace.

### FACE SHIELD:

This face shield is fitted for safety helmets, and it is widely used in cutting, grinding, building and mechanical industry. The raw material with UV protection is imported from Bayer Company of Germany. 1 mm and 1.5mm thickness is available for you.

### FACE SHIELD:

Iron mesh face shield provides great protection for head, face and hearing. Easy to install or install.



## New visor arrives !

Hello, my dear friends, our visor is coming finally after our half years development ! come and have it. i believe you will be surprised when you get it, go go go !

ANTI - FOG  
ANTI - SCRATCH

CE  
EN 166

CE  
EN 174



Two colors:  
smoke, clear





#### Lighting performance

| Light source | Lighting modes | Brightness      | Intensity | Distance       | Burn time |
|--------------|----------------|-----------------|-----------|----------------|-----------|
| white        | High           | 168 lm for 30 h | 4270 cd   | 110 m for 30 h | 30 h      |
|              | Mid            | 78 lm for 55 h  | 1970 cd   | 65 m for 55 h  | 55 h      |
|              | Low            | 11 lm for 120 h | 310 cd    | 9 m for 120 h  | 120 h     |
|              | S.O.S          | 17 lm           | n/a       | n/a            | n/a       |
| red          | High           | n/a             | n/a       | 8 m for 80 h   | 80 h      |
|              | Strobe         | n/a             | n/a       | n/a            | n/a       |

\*\*\*All above data tested for 100% real & accuracy



#### Lighting performance

| Light source | Lighting modes | Brightness     | Intensity | Distance      | Burn time |
|--------------|----------------|----------------|-----------|---------------|-----------|
| white        | High           | 100 lm for 8 h | 850 cd    | 95 m for 8 h  | 8 h       |
|              | Mid            | 40 lm for 13 h | 280 cd    | 45 m for 13 h | 13 h      |
|              | Low            | 6 lm for 38 h  | 55 cd     | 6 m for 38 h  | 38 h      |
|              | S.O.S          | 10 lm for 80 h | n/a       | n/a           | 80 h      |
| red          | High           | 4 lm           | n/a       | 5 m for 18 h  | 18 h      |
|              | Strobe         | n/a            | n/a       | n/a           | 40 h      |

\*\*\*All above data tested for 100% real & accuracy



#### Battery Replacement

MODEL : 3A

**Step 1**  
Undone the plastic button on the light head

**Step 2**  
Open the battery case as picture shown

**Step 3**  
Note the "+" and "-" of battery

**Step 4**  
3 AAA dry battery or rechargeable battery

**Step 5**  
Put the battery as the picture shown

**Step 6**  
Fasten battery case

#### Battery Replacement

MODEL : 1A

**Step 1**  
Undone the plastic button on the light head

**Step 2**  
Open the battery case as picture shown

**Step 3**  
Note the "+" and "-" of battery

**Step 4**  
1 AA dry battery or rechargeable battery

**Step 5**  
Put the battery as the picture shown

**Step 6**  
Fasten battery case

The head circumference knowledge of best mountaineering helmet:

European Headform:

An Oval shaped helmet is designed for a rider's head with a dimension which is considerably fit for Europeans.

Generic headform:c

A generic headform helmet is designed for a rider's head with a dimension which is slightly longer front-to-back than its side-to-side measurement.

Asian headform:

A Round shaped helmet is designed for a rider's head with a dimension which is condierably fit for Asians.



# Helmet Shape 101



## European Headform

An Oval shaped helmet is designed for a rider's head with a dimension which is considerably fit for Europeans.

## Generic headform

A generic headform helmet is designed for a rider's head with a dimension which is slightly longer front-to-back than its side-to-side measurement.

## Asian headform

A Round shaped helmet is designed for a rider's head with a dimension which is considerably fit for Asians.

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



# CERTIFICATE



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

The delivery express:

International express, air freight & sea transportation are all can be well arranged here! You can pick every possible transportation that you want & we will do our best to assist you! We have already built a long-term relationship with different shipping companies & shipping agent, all our efforts aim at providing you the best shipping experience! Choose us, it will be easy to keep the helmets safe all the time!