

# 新型夜视帽，LED矿灯矿帽一体

产品名称	新型夜视帽，LED矿灯矿帽一体
公司名称	龙杰(福建)光电科技发展有限公司
价格	115.00/顶
规格参数	型号:LJ-1001 尺码:275*240*158mm 材质:ABS+PC
公司地址	龙岩市工业西路68号(福建龙州工业园区9#标准厂房南侧四层)
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## 产品详情

型号	LJ-1001	尺码	275*240*158mm
材质	ABS+PC	帽衬类型	旋钮扣

龙杰光电公司主打产品节能夜视帽是一种用于黑暗区域使用的帽与灯的合体的产品，帽子的安全性符合国家最新出台的安全标准，电源采用国内最先进的jhw电池，灯采用半导体led照明技术；三者结合起来可以达到国际领先的技术水平：安全、防爆、环保、节能、防水灯。公司产品属于本质安全型，在市场上是独一无二的，因为我们具有绝对的技术领先和成本优势，拥有专有的光源专利技术，在国内领先国际一流，可以快速进入国内外市场，抢先打出名牌产品。

公司产品原材料主要是三个：半导体led照明，jhw电池能源，达到gb2811-2007安全帽标准的塑胶材料，各项原材料优势如下：

### 1、半导体led照明优势

#### 1)宏观经济环境

#### 2) 政策导向

### 3) 产业共识形成

## 2、jhw电池相对市场上两种电池的革命性优势

本公司的夜视帽比现在市场上的矿灯头灯具有突破性的优势：

- 1) 采用整体密封设计更加安全；
- 2) 采用芯片自动保护技术更加可靠；
- 3) 帽与灯合体更加方便；
- 4) 采用jhw电池更加节能；
- 5) 全密封的jhw电池能源，彻底解决防爆问题。

新型led夜视帽（带灯安全帽）：型号：lj-1001

new safety helmet with led lamp (model: lj-1001)

### 1.产品说明：

本产品是最新研发的实用、安全、防爆型led头戴式安全帽，适用于矿区、建筑等需随身携带矿灯的场所。外型美观、结构紧凑、抗冲击、抗振动，耐热变、密封性好、防水，使用携带方便等优点，荣获国家多项专利(专利号:200930327609x和2009203163433)。照明采用主、辅双光源，并以发热量低，高效节能为核心，能在各种恶劣环境中正常工作。产品颜色以红、黄、蓝、白四色为主(特殊颜色可以定做)。

本产品可为大型工矿企业安装gps定位系统，可以随时查找各工作人员的工作方位，方便了现代化企业管理，减少了安全隐患，赢得了矿山黑匣子的称号。

### 1. intruduction:

this product is a new-developed type of practical, safe, and explosion-proof helmet with led lanp, which is portable and extensively used at mine lot, construction site where need to carry lamps for lighting by yourself. it has the features of good looking, firm structure, shock resistance, good heat resistance, good sealing, water-proof and easy for carrying. moreover, it has got many national patents(patent no. 200930327609x and 2009203163433). this product, with the core advantages of low calorific value and high energy-efficiency, adopts main and auxiliary light and can be safely used in all kinds of adverse environments. as to color, there are red, yellow, blue and white. (special colors can be made-to-order, too)

we could install the gps if needed in this novel safety helmet. in this case, it is just a piece of cake to locate each worker ' s location, which facilitates management for large mining enterprises and lessens the security risk; therefore, it wins no.1 lamp for coal mines.

## 2.产品结构：

优化的结构设计，帽、灯、电池一体化。外壳采用高强度工程塑胶（材质采用pc+abs合金料）制成，具有抗强力碰撞和冲击性能。光源选用高品质进口半导体led作为光源，功耗低，光通量高，寿命长，稳定可靠。电池充电线路采用最先进的高精度磷酸铁锂电池保护集成电路和专用充电管理集成电路，充电采用预充电-恒流-恒压-再充电方式,既可有效保护电池，最大限度地发挥高容量磷酸铁锂电池的特性。充电器采用外置式便携开关电源，充电时间快捷；充电器上有红/绿2种充电状态指示：充电过程中红灯点亮，充电完成后绿灯点亮。特殊的密封工艺和优化的表面处理技术，使灯具有防水、防尘、防腐等优点。

## structure

this helmet has a compact struture and integrates with cap, light and battery. the shell is made of high-intensity engineering plastic (pc + abs alloy material) and is of strong collision and impact resistance. we import high-quality semiconductors led as illuminant, which features low power consumption, high luminous flux, long service life and reliability. we apply the most advanced high- precision iron phosphate li-ion battery protection ic and special charging management ic to the battery charging circuit. and the charging mode adopts precharging - constantcurrent - constant pressure - recharging way which can not only effectively protect battery, but also maximize the high capacity characteristic of the phosphoric acid lithium iron batteries. the charger adopts external portable switching power supply with quick charging. there are red and green charging indication light in the charger. the red light is on during charging while the green light shines when charged up. special seal technology and optimized surface structure make the lamp waterproof, dustproof and corrosion prevention.

## 3.技术参数

1) 保修期：电池为6个月，电路为1年，第一次充电必须达12h以上

2) 包装规格：纸箱包装72.5\*28.5\*76cm、每箱20顶

3) 夜视帽规格：275\*240\*158mm

4) 重量：510-540g

5) 电路参数：

1、额定电压：3.2v

2、额定容量：1.8-2.5ah

3、点灯时间：主光源 15-25h辅助光源 20-30h

4、矿灯照度：点灯开始 1800lx点灯11小时 1000

5、led：光通量（主光源） 85lm、主光源120ma；辅助光源60ma

6、蓄电池寿命：>1000循环次数

7、蓄電池保存期2年

8、充電時間：4—6h

9、工作電流：120ma

3. technology parameter:

1) length of warranty: 6 months for battery, 1 year for circuit. the first charge is required to reach above 12h.

2) package specification: 20 pcs per carton with the size of 725\*285\*760mm,

3) helmet size: 275\*240\*158mm

4) weight: 510-540 gram per piece

5) circuit parameter:

1 rated voltage:32v

2 rated capacity: 1.8-2.5ah

3 lighting time: main light source 15-25h auxiliary light source 20-30h

4 illumination: at the beginning 1800lx after 11-hour work 1000lx

5 led: main light source 85lm, 120ma; secondary light source :60ma

6 battery service life: > 1000 cycles

7 battery quality warranty: 2 years

8 charging time: 4-6h

9 working current: 120ma