



**DF-6Z**

**可携式防爆灯**

Portable explosion-proof lamp

(可携式防爆手电灯)

Portable explosion-proof torch

# 使用说明书

Instruction manual

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防爆标志: ExdIIBT6

产品执行标准: GB3836. 2-2010

Explosion-proof marking: Exd IIB T6 Gb

Executive Standard of the Product: GB3836. 2-2010

**东台市东方船舶装配有限公司**

**Dongtai City Dongfang Marine Fitting CO.,LTD**





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4. Direct current source, NO. 1 battery by sixth

5. Light bulb: 7.2V0.5A

6. Ambient temperature:  $-1^{\circ}\text{C} \sim +30^{\circ}\text{C}$  relative temperature  $\leq 90\%$

Special Tip: Battery and light bulb changes should be done in safe place when the electricity is off.

After installing, you must screw safety lock clamping screw nail tightly, detach bulb holder cover, and make sure not to touch flame-proofed pattern for clean and smooth.

#### Use and Maintenance

Change battery and light bulb:

When you change the battery, please cut off power supply and loose safety lock clamping screw nail, then remove bulb holder cover to take out battery and change it. The method of light bulb change is that: first, take off the light bulb from bulb holder cover and after replace it with a new light bulb, please install it as the original means.

#### Instructions

1. You should stop using the lamp in following situation: shell have warped, crack, cover and screw thread's damage and crack in glasses.

2. You are not allowed to repack explosive-proof lamp or change explosive-proof lamp parts randomly.

3. It is not suitable for using in strong magnetic field, strong acid and strong base environment.

4. You should take out the battery when not used for a long time, in case of that battery medium's corrosion to the lamp.

5. The product's useful life is three years. Accessory excessive use will lead to degraded usage.

## DF-6Z 可携式防爆手电灯

### 一、简介

可携式防爆手电灯是一种隔爆型防爆灯,产品适用于 GB3836.2-2010 中所列举的易燃、易爆场所作局部照明及应急照明使用,亦可用于上述场所的巡视和检修。该灯具被广泛用于船舶海关、码头、机场、公安、消防、边防及危险品运输车上,本产品具有强度高、光照远、寿命长、防潮能力好的优点。

本产品经国家级照明灯具防爆安全监督检查检验站检验合格,产品符合 GB3836.2-2010

防爆合格证编号: GYB13.1617X

本产品已经中国船级社型式认可。

### 二、主要性能及技术指标

1、外壳材料选用 ZDL-102 铝合金材料压铸成型,并涂有良好漆层。

2、灯具壳体无通孔,灯具启闭采用干簧管和强磁性开关结构,确保防爆性能。

3、灯具设有安全锁紧螺钉,确保不在易燃易爆场所打开灯具,只能在安全地方由专人使用专用扳手在关闭电源时方能打开灯盖(备用的六角扳手应专人保管)。

4、使用直流电源,1号电池 $\times 6$ 节。



5、集光电珠：7.2V0.5A。

6、使用环境温度：-1℃~+30℃环境相对湿度≤90%。

特别提示：必须在安全地方关闭电源时方可开盖更换电池或电珠，安装后，必须拧紧安全锁紧螺钉、装卸灯头盖，不得碰伤隔爆纹并确保清洁、润滑。

### 三、使用与保养

更换电池与电珠：

更换时关闭电源，松开安全锁紧螺钉，旋下灯头盖，取出电池进行更换。更换电珠方法是：将灯头盖上电珠取下，将新电珠换上后按原方法装上即可。

### 四、注意事项

1、灯具有下列情况应停止使用：外壳发现变形、裂痕、盖及外壳上的螺纹有严重划伤或损伤，玻璃有裂纹。

2、不准随意对防爆灯进行改装或随意交换防爆灯零件。

3、不适宜在强磁场、强酸、强碱环境中使用。

4、长期不使用时，须将电池取出，防止电池介质对灯具的腐蚀。

5、本产品正常使用寿命为叁年，超期降级使用。

## DF-6Z Portable explosion-proof torch

### Introduction

Portable explosion-proof torch is the lamp which is flame-proofed and used for local lighting and emergency lighting in GB3836.2-2000 listed inflammable and explosive locations, and it also applies to the patrol and maintenance of the above-mentioned places. This lamp is widely used in ship customs, wharf, airport, Public Security, fire-fighting, frontier defense and carriage of dangerous goods, this product has features of high strength, far lighting distance, long life, moisture protection.

This product has passed the inspection of National-level lighting lamp explosion-proof safety supervision inspection station and it conforms to the requirement of national standard GB3836.2-2010.

Explosion-proof certification No.:GYB13.1617X

This product is authorized by China Classification Society Of Shipping.

### Main function and technical standards

1.The product's shell material painted with fine lacquer layer is made of ZDL-102 aluminum alloy and die-castled to model.

2. Lamp shell doesn't have through-hole. The lamp's switch on-off uses the structure of dry spring of alarm circuits and strong magnetic switch to ensure the explosion-proof character.

3. The lamp has safety lock clamping screw nail ensuring the closure of the lamp in inflammable and explosives locations. The lamp cover can only be opened in safe place by person in charge of using special spanner when the electricity is off (spare Allen wrench should be kept by person specially assigned for the task).