



**Walkera . Firefighting UAVs**



With the continuous advancement of socialization, there are more and more super high-rise buildings in the city. At the same time, these high-rise buildings are concentrated in high-end office buildings, crowded areas, and business districts, which makes traffic flow in this area. They are very large and often traffic congestions, which also lead to major casualties in the fires in these areas. Therefore, the fire rescue problem of high-rise buildings can be called "world problem." Anyway, Walkera firefighting drone can solve this issue in a very fast way .





Traditional Way



New Way



## ZHUN- Double Firefighting

- 30X zoom camera
- 35 mins Flight time
- 15kg Payload
- 800m Flight height
- Lidar System for distance measurement
- Night-vision Target system





## SPECIFICATIONS For AIRCRAFT



•Wheelbase	1500mm
•Size	1150*1150*760(mm)unfolded 650*650*760(mm)folded
•Take-off Weight	45kg
•Battery	45.6V 44000mAh,2006.4Wh,25C
•Max ascending speed	5m/s
•Max decending speed	2m/s
•Max Flight altitude	5KM (sea level) 800m (ground level )
•Max flight time	35minutes





## SPECIFICATIONS For REMOTE CONTROLLER



- Size 7.86 inch
- Resolution 2048\*1536
- Lightness 2000 cd/m<sup>2</sup>
- Internal Storage RAM:4G; ROM: 16G
- System Android 5.1
- Working Frequency 2.4GHz & 5.8GHz
- Signal distance 6KM (wild, no interference)
- Video output HDMI
- Built-in Battery 7.4V 9000Mah Li-po 2S
- Memory Card 64GB



## SPECIFICATIONS For Shooting&Avoidance&Photo



ZHUN is equipped with a high-power load and anti-tremor design, a high-power aiming mirror and a high-frame camera with night vision function. With high transmission accuracy, ZHUN is able to fire extinguishing projectiles remotely and accurately in a complex fire weather environment. The target point is displayed on the ground control end in real time through the graph transmission, and the cross target star is available on the APP client, which greatly improves the accuracy of shooting and improves the rescue efficiency.



Intelligent obstacle avoidance system made by high-precision sensors, the laser ranging can reach up to 100m, and the obstacle can be identified from 3 to 15 meters (adjustable) in the front direction and the brake is decelerated to prevent risks caused by wrong operation and guarantee your flight safety. Both obstacle avoidance and ranging protection make your flight safer and increase the probability of rescue



Equipped with 30 X optical zoom camera, it can monitor the situation from a distance, observe all details of fire and disaster, and effectively help to make rescue plan. It can also be used for many purposes. Different equipment can be mounted according to different demands of customers, such as infrared thermal imaging camera, low light night vision camera and other equipment.

## SPECIFICATIONS For firefighting rocket



ITEM NO	CM60-2
Material	aluminium alloy
Length	995mm
Weight	3010g
Firefighting Agent	ABC-superfine dry powder
Net weight of powder inside	1100g
Ability of fire-fight	9.2 square meter
Starting Current	700mA
Starting Voltage	12V
Safe Current	≤150mA ,lasting 5 mins
Maximum launch distance	50m
Launch speed	35m/s
Dry powder injection lag time	5s-6s
Launch noise	≤170db
Impulsive force	1.5Kg/s
Structure	Hermetically sealed ,waterproof,damp-proof,dust-proof,anti-static, anti electromagnetic interference (EMI)
Style of putting out fire	No bombing ,powder release slowly,powder atomizing,total flooding extinguish.
Warranty	5 years
Safe distance from tail	10m within 15° fan area
Muzzle safe distance	≥ 15m
Radius of safe lanuch	≥ 1m
Working temperature	-40 degree to 60 degree





Foldable Design



Packing List





Foldable Design



## The Second Version-WK-1800

•Wheelbase	1800mm
•Dry Powder Payload	12kg
•Take-off Weight	53.8kg
•Battery	45.6V 44000mAh,2006.4Wh,25C
•Max ascending speed	5m/s
•Max decending speed	2m/s
•Max Flight altitude	5KM (sea level) 800m (ground level )
•Max flight time	35minutes



## Different Requirements



5kg Dry Powder

Dry powder rocket



12kg Dry Powder

# INSPECTION REPORT

No. Zb201840363

The name of the company: Guangzhou Walkera Technology Co., Ltd

Product name: WK-1500 UAV system

Inspection category: Entrustment inspection

National Center for quality Supervision and Inspection of Fire fighting equipment

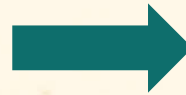
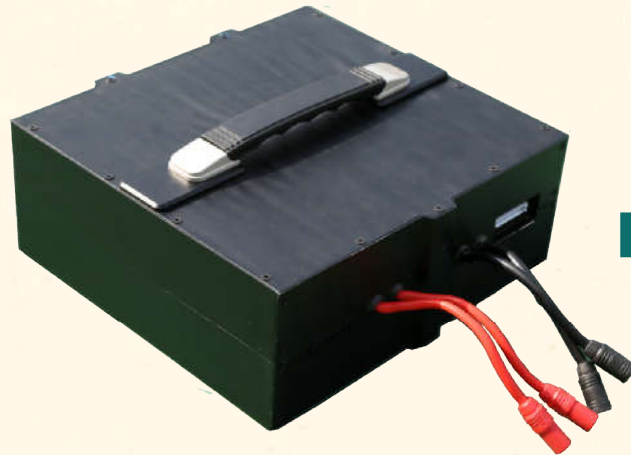
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李睿莹

Certificated

MSDS For safe  
Transportation  
Certification



## 材料安全数据表

### Material Safety Data Sheet

样品名称：可充电锂离子电池

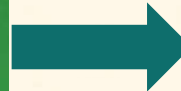
Name of Sample : Rechargeable Li-ion Battery

委托单位：深圳市格瑞普电池有限公司

Commissioner : SHENZHEN GREPOW BATTERY CO.,LTD



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化学品安全说明书  
MATERIAL SAFETY DATA SHEET

申请商/Applicant : 西安大隆含能科技有限公司  
地址/Address : 陕西省西安市雁塔区雁塔西路 158 号双鱼大厦 A 座 1902 室  
产品/Product : 机载式高层灭火器  
型号/Model : CM60-IVCM60-2  
编制/Prepared by : 深圳市一诺检验认证有限公司  
地址/Address : 深圳市龙岗区龙岗街道鹏达路 164-165 号  
报告编号/Report No. : ACIC20190719040RTY

\*\*\*\*\* 详见后页 / FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

签名/Signed for and on behalf of ACIC

检验: Mark  
Tested By: \_\_\_\_\_

审核: Irene  
Examine By: \_\_\_\_\_

批准: Dink Zhang  
Approved By: \_\_\_\_\_

日期:  
Date: \_\_\_\_\_





Demo cases for Abu Dhabi Civil Defense, UAE





Using cases for Shenzhen Fire Station, China







Training Site in Kalifa  
Tower, Dubai, UAE



# THANK YOU

By : CiCi Lau

[heli-07@walkera.com](mailto:heli-07@walkera.com)

