

## BLINK SOLAR

# Fire control cabinet ups uninterruptible power supply

12.8V6Ah



Nominal voltage (V):12.8  
Nominal capacity (ah):6  
Rated energy (WH):76.8  
Maximum charging voltage (V):14.6  
Maximum charging current (a):6  
Floating charge voltage (V):13.6~13.8  
Maximum continuous discharge current (a):10  
Maximum peak discharge current @10 seconds (a):20  
Maximum load power (W):100  
Discharge cut-off voltage (V):10.8  
Charging temperature (°C):0~+50  
Discharge temperature (°C): -20~+60  
Working humidity: <95% R.H (non condensing)  
Number of cycles (25 °C, 0.5c, 100%dod): >2000  
Cell combination mode: 32700-4s1p  
Terminal specification: T2 (6.3mm)  
Protection grade: IP65  
Overall dimension (mm):90\*70\*107mm  
Reference weight (kg):0.7  
Certification: un38.3/msds



## Overview

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Do ups need a fire extinguisher?

UPS equipment rooms require efficient extinguishing and alarm systems to address fire risks promptly. It is recommended to install gaseous suppression systems (e.g., FM-200) or fine water mist systems in battery rooms, while automatic sprinkler systems are better suited for lithium-ion battery UPS due to their fire characteristics.

Do ups need a fire alarm system?

Additionally, rooms must be equipped with portable fire extinguishers compliant with international fire equipment standards for initial fire suppression. For fire alarms, UPS rooms should have automatic fire alarm systems with signals transmitted directly to the fire control center, adhering to standards like NFPA 72.

How to prevent UPS battery fire?

UPS battery fire prevention measures: 1. Control the charging amount without overcharging to reduce the amount of gas evolution. In the charging room, open flames are strictly prohibited and ventilation is maintained. 2. During charging, the wiring points must be firm to avoid sparks caused by looseness. 3.

How do I choose a fire-retardant UPS battery & equipment?

Selecting high-quality, flame-retardant UPS batteries and equipment forms the foundation of fire safety. Choose equipment with low internal resistance and minimal heat generation to reduce fault risks.

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### How to Ensure Fire Safety for UPS Systems?-daopulse ...



Uninterruptible Power Supply (UPS) systems are critical for providing reliable power in data centers, healthcare facilities, and industrial environments. However, risks such ...

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### UNINTERRUPTIBLE POWER SUPPLY

Legrand, world leader in the manufacture of electrical equipment, offers an extensive range of solutions to meet all the needs of service sector installations, from ...



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### UPS for Fire Alarm Systems: Uninterrupted Power for Critical ...

At its core, an Uninterruptible Power Supply (UPS) for a fire alarm system is an electrical apparatus that provides emergency power to a load when the input power source or ...



## Why UPS batteries catch fire easily and how to take fire

7. The charging current or voltage of the UPS power supply host is too large, causing the battery to overcharge and generate heat, causing the positive and negative plates to deform and ...

## FLEXIBLE SETTING OF MULTIPLE WORKING MODES



## UPS (Uninterruptible Power Supply) Cabinets Manufacturing

Our UPS (Uninterruptible Power Supply) cabinet manufacturing is carried out with high quality and engineering standards to ensure the secure and continuous operation of ...

## Uninterruptible power supply (UPS)

High functionality with high reliability  
Uses a high power factor converter with IGBTs to control the AC input power factor to almost 1.0, ...



## UPS systems for the control cabinet

DC UPS in cabinet for wall mounting  
"VdS" certified For the special requirements of security technology

such as fire alarm systems, smoke ...



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## Protecting Backup Generators and UPS Systems Against ...

Introduction Emergency and standby power generators and uninterruptible power supply (UPS) systems provide backup power for hospitals, nursing homes, and 24-hour care ...



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## Why UPS batteries catch fire easily and how to take fire

7. The charging current or voltage of the UPS power supply host is too large, causing the battery to overcharge and generate heat, causing the positive and negative plates to deform and ...

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## UPS Fire Suppression System , Tube-Based DLP Technology ...

UPS Fire Suppression System - Tube-Based Direct Low Pressure (DLP)

Technology A Complete Guide by Fire  
Engineering Technology Uninterruptible  
Power Supply ...



### **Fire Alarm & Security System UPS**

The La Marche model A32 series is an UPS system designed to power critical AC loads. All sub-system components utilize a 48VDC bus and are ...

### **Uninterruptible power supply (UPS)**

High functionality with high reliability  
Uses a high power factor converter with IGBTs to control the AC input power factor to almost 1.0, and harmonic current suppression ...



### **UPS systems for the control cabinet**

DC UPS in cabinet for wall mounting  
"VdS" certified For the special requirements of security technology

such as fire alarm systems, smoke and heat extraction systems, voice alarm ...



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## Fire Alarm & Security System UPS

The La Marche model A32 series is an UPS system designed to power critical AC loads. All sub-system components utilize a 48VDC bus and are listed under the UL 1481 Fire Protective ...



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## Contact Us

For catalog requests, pricing, or partnerships, please contact:

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