

Fire Fighting Equipment Emergency Power Supply UPS

This emergency power supply (UPS) is designed for fire fighting equipment. It features a wide input voltage range and digital control technology.



Overview

Emergency Power Supply System

This Emergency Power Supply (EPS) unit is engineered for critical fire-fighting and industrial applications, offering robust protection against harsh grid conditions. Featuring advanced digital control technology and a wide input voltage range, it ensures uninterrupted power with high overload capabilities and strong anti-interference performance. Designed for reliability, the system supports versatile network management and provides stable, sine-wave power output for essential equipment.

Key Features

Core Advantages

- Wide input voltage range
- Digital control technology
- High IP protection level for harsh environments
- Strong overload and anti-interference capability
- Integrated network management features

Technical Specifications

Model Specifications

Feature	YJ Series	YJS Series
Capacity Range	0.5KW-10KW	2.2KW-800KW
Input Voltage	380V/220V $\pm 25\%$	380V $\pm 20\%$
Transfer Time	<0.2s	<100ms
Emergency Supply Time	90 min (optional)	60/90/120 min (optional)

Electrical Performance

50 Hz

Input Frequency

3 %

Output Distortion

120 %

Overload Capacity

Operating Environment

Environmental Conditions

- Operating Temperature: -24°C to 40°C
- Relative Humidity: 0-90% (non-condensing)
- Altitude: Under 2000m
- Noise Level: <55-60dB (in emergency mode)

Applications

Suitable Industries

Traffic Systems, Industrial Equipment, Steel Factories, Fire Fighting Systems