

The power supply of the communication base station is installed in the stairway





Overview

What are the requirements for two-way emergency communication systems?

This section outlines the requirements for two-way emergency communication systems within buildings, focusing on both wired telephone and radio systems. Two-way telephone systems must be installed for fire service use, ensuring simultaneous operation of multiple stations and clear labeling for caller identification.

Do two-way communications systems master control stations need to be trained?

Operators of two-way communications systems master control stations shall be trained and qualified. Editor's Note: The 2022 edition of the Code requires that the operators of two-way communications systems master control stations be trained on the equipment and, when necessary, qualified to use the equipment.

Are two-way communication systems required at a private residence elevator?

two-way communication systems are not required at the landing serving a private residence elevator. This is a big one that always come up. Two-way communication systems are required to communicate between the required call boxes and master station installed in the fire command center or approved location.

Are two-way communication systems required at the landing?

two-way communication systems are not required at the landing serving only freight elevators. two-way communication systems are not required at the landing serving a private residence elevator. This is a big one that always come up.

Can two-way communications systems be integrated with each other?

24.10.14*: The two-way communications systems specified in this section, as



intended for different types of locations, shall be permitted to be integrated with each other or other emergency communications systems provided they are installed in accordance with Section 24.10.

Do elevators need a two-way emergency communication system?

A two-way emergency communication system for rescue assistance is required, by industry standards NFPA, IBC and ADA, at each elevator or bank of elevators, on each accessible floor above/below exit discharge, so trapped parties can call for rescue assistance.



The power supply of the communication base station is installed in



(PDF) Dispatching strategy of base station backup power supply

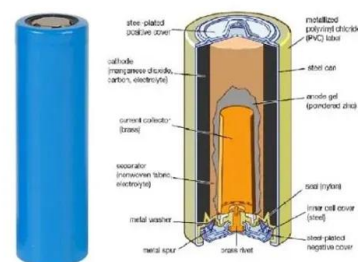
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["H" TWO-WAY COMMUNICATION SYSTEMS ...](#)

Monitoring the integrity of the two-way communication system by an off-site supervising station, via the building Fire Alarm system, shall not be required if the central control unit is located in ...



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[Two-Way Communication Code Requirements](#)

The secondary power supply (a.k.a. battery backup) shall have the capacity to operate the two-way communication system in a non-active condition for a minimum of 24 hours.

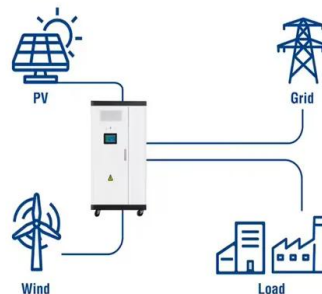
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[Area of Rescue Systems Analog Configurations ...](#)

10.6.9.1 Unless otherwise permitted or required by 10.6.9.1.3 and 10.6.9.1.6, all primary and secondary power supplies shall be monitored for the presence of voltage at the point of ...

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Dispatching strategy of base station backup power supply ...

Dispatching strategy of base station backup power supply considering communication flow variation Zheyu OUYANG and Yanchi ZHANG Shanghai Dianji University, Shanghai 200240, ...

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Two-Way. In-Building Emergency Communications Systems

The section also details the installation of area of refuge communication systems and elevator emergency communication systems, emphasizing the need for reliable, hands-free ...

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