

Solar container perfluorohexanone automatic fire extinguishing device

<div class="df_qntext">What is perfluorohexanone fire extinguisher?

Overall control flow chart of the fire extinguishing device Perfluorohexanone is a fluorinated ketone compound. It is a colorless,odorless,and easily vaporized liquid fire extinguishing agent at room temperature. No residue is left after evaporation. The main fire extinguishing mechanism is chemical suppression and flame cooling.

<div class="df_qntext">Does perfluorohexanone fire extinguish lithium ion batteries?

Wang et al. have studied the fire extinguishing effects of perfluorohexanone on lithium-ion batteries. The study showed that perfluorohexanone could effectively extinguish the fire of lithium-ion batteries,and extinguished the open flame within 30 s . Liu et al. tested the application of perfluorohexanone to single LIB cells.

<div class="df_qntext">How long does perfluorohexanone spray last?

The duration of perfluorohexanone spray was 45 s. The shorter time to extinguish the fire is mainly because of the rapid increase of internal pressure of fire extinguishing device under high temperature. After the extinguishing,the intervening ignition was carried out with an open flame,and there was no re-ignition phenomenon.

<div class="df_qntext">How long does perfluorohexanone spray take to extinguish a fire?

The fire was extinguished within 9 s after the release of the extinguishing agent,which was faster than that of Test 6. The duration of perfluorohexanone spray was 45 s. The shorter time to extinguish the fire is mainly because of the rapid increase of internal pressure of fire extinguishing device under high temperature.

<div class="df_qntext">How does perfluorohexanone work?

The device is in a storage pressure (perfluorohexanone) when it is not working,and it can be activated with a small current immediately when a fire signal is received. A pressure cavity is formed at the front end of the sealed cavity as a power source,and the perfluorohexanone is atomized by an atomizing nozzle.

<div class="df_qntext">What is perfluorohexanone (fk-5112)?

Then the fire cylinder valve is opened,and extinguishant is released into the protected zone. Perfluorohexanone (FK-5112) is a colorless,odorless,and non-conductive gas extinguishant free of secondary pollution. It features cleanness,low toxicity,good electrical insulation,and high fire extinguishing efficiency.

Micro-bottled perfluorohexadone gas fire extinguisher use a new type of gaseous fire suppression agent, It's clean and non-polluting.

Its own manual, automatic and emergency start-up devices are easy to operate, and can put out the fire at the



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???:T/CECS10171-2022 ????:????????????? ????:Pre-engineered perfluorohexanone fire extinguishing device ??? ...

Cabinet Perfluorohexanone Fire Suppression Device for Solar Panel Factories, Find Details and Price about Solid Surface Fire Extinguishing Railway Vehicle Fire Protection from Cabinet ...

Overview Perfluorohexanone, an important Halon fire suppression agent alternative, is a fluoroketone compound. It is a clear, colorless, and odorless liquid, supercharged with nitrogen, and stored in high ...

In this study, a plunger type perfluorohexanone (C₆F₁₂O) fire extinguishing device was developed, and key components such as gas generating device and puncture valve were improved.

The experimental results show that the standard design of the perfluorophanketone fire extinguishing device can quickly extinguish the fire, with a maximum cooling rate of -15.4 ?/s.

The device has both automatic fire detection and fire extinguishing functions. When activated, the fire in the lithium battery pack or distribution cabinet is quickly ...

A complete set of fire extinguishing equipment that pre-assembles components such as perfluorohexanone fire extinguishing agent storage devices and nozzles under certain application ...

A safe perfluorohexanone fire extinguishing device and fire extinguishing method Technical Field The invention relates to the technical field of fire fighting, and in particular to a safe perfluorohexanone fire ...

Mini Automatic 105 Degree Electric Cabinets Solar Battery Fire Fighting Extinguisher Perfluorohexanone Energy Fire Extinguisher \$5.49-8.49 Min. order: 10 pieces 4.1/5.0 (6 reviews) CN Zhangjiagang City ...

In case of fire, the fire extinguishing agent is directly sprayed to the protection area, which can effectively avoid re ignition, and the fire extinguishing speed is faster Faster and more ...

Compared with the pipe network device, the perfluorohexanone automatic fire extinguishing device for vehicle has no steel cylinder room and can be installed in a certain position ...

As a brand-new automatic fire extinguishing equipment independently developed and produced by golden mean fire fighting equipment Co., Ltd., the perfluorohexanone automatic fire extinguishing ...

Experimental study on fire extinguishing of large-capacity ternary lithium-ion battery by perfluorohexanone and water mist fire extinguishing device [J]. Energy Storage Science and ...

One article to tell you what is heptafluoropropane fire extinguishing system, You will know more about its



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characteristics and properties.

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