

# solarstop®

Extinguishing device for photovoltaic installations

## General information:

SOLARSTOP® extinguishing device for photovoltaic installations	
Weight of extinguishing agent	9 kg
Working medium	azot
Operating time	>20 s
Tank test pressure	29 bar
Working pressure	14-16 bar
Application temperature range	+3/60°C
Total weight	13,5 kg
Range	>11 m*
Max. voltage of the appliance to be extinguished	1000 V, AC i DC
Max. coverage of PV panels	>20 m <sup>2</sup>
Total height	580 mm
Tank diameter	180 mm

## Characteristics:

SOLARSTOP® extinguishing device for photovoltaic installations works on the principle of fire suppression by cooling and lowering the temperature of the combustible material. In addition, it forms a coating on the surface of the photovoltaic. In addition, it forms a film on the surface of the photovoltaic panels which, by blocking out the light, effectively reduces the production of electric current to values that are safe for the person putting it out. SOLARSTOP® is an environmentally friendly, innovative water-based extinguishing agent which, in addition to having excellent extinguishing properties SOLARSTOP® is an environmentally friendly, innovative water-based extinguishing agent which, in addition to its excellent extinguishing properties, remains on the surface of photovoltaic.

The range of the SOLARSTOP® jet allows the device to be directed precisely and effectively towards the fire source - >11m.

The SOLARSTOP® jet range is >11m\*, allowing it to be operated from ground level without the need to get close to the fire.

\*Range of operation and coverage of the installation may vary in different weather conditions (rain, wind, etc.).

## Application:

The SOLARSTOP® extinguishing device is mainly dedicated to photovoltaic installations. It enables the extinguishing of photovoltaic modules as well as cabling and auxiliary equipment such as inverters etc. at a maximum voltage of 1000 V and is also effective for extinguishing class A fires, i.e. solid materials. Extinguishing efficiency 13A, in accordance with EN 3-7.

## Safety features:

SOLARSTOP® is an environmentally safe innovative water-based extinguishing agent. The product is approved by the certified by the National Institute of Public Health - National Institute of Hygiene.

SOLARSTOP® is safe for human beings, emits no toxic fumes and is non-combustible. The product can be easily removed from SOLARSTOP® can be easily removed from fire-fighting protective clothing through standard washing.

## Operating instructions:

1. In the event of a photovoltaic system fire, remove the safety device and pull out the valve locking pin with a firm movement.
2. point the fire extinguisher towards the source of the fire.
3. squeeze the handle of the extinguisher to activate the jet of the extinguishing agent.
4. direct the extinguishing agent jet onto the burning material in a zig-zag motion from bottom to top.
5. Once the fire is extinguished, aim the nozzles at the centre of the photovoltaic modules to isolate the light entering the panels and to reduce the production of electricity.

**Once the fire-fighting operation is complete, SOLARSTOP® can be removed from the surface of the undamaged installation with water and a soft brush, restoring the condition from before the application.**

## Maintenance:

The manufacturer guarantees faultless operation of the appliance on condition that periodic inspections, maintenance and repairs are carried out at service centers authorized by the manufacturer.

Check the pressure in the extinguisher regularly and carry out the required service at least every 12 months.

Store the extinguisher in a dry and well-ventilated place to avoid possible corrosion on the tank.

Do not store the appliance at temperatures below 0 °C.

If a fire extinguisher has been used, contact the manufacturer immediately to purchase a new one.

## Safety Notes:

Before using a fire extinguishing device, ensure that it is properly charged and in working order. Do not use fire extinguishers to extinguish oil fires and flammable liquids. Do not point the jet generated by the extinguisher towards people or animals.

(P102) Keep out of the reach of children.

(P302+P352) In case of contact with skin or hair - wash with plenty of water.

(P301+P310) In case of ingestion - contact a doctor if you feel unwell.

(P305) In case of eye contact - rinse eyes with plenty of water and consult a doctor.

## Producer:

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PRODUKT Z ATESTEM

Certified product  
CNBOP-PIB  
conformity certificate

www.solarstop.pl