

SYSTEM P99

**SAFEGUARD
FIRE FIGHTING
FOR INSTALLATION
PHOTOVOLTAIC**



P99 is a detection system and fire extinguishing designed for PV installations located on roofs, which effectively detects and prevents the spread of fire.



Innovative solution

mitigating the fire risk of photovoltaic installations, intended to protect the PV infrastructure and the buildings themselves on which these installations operate.



**The system consists of
from analog to digital
detection system
fire and extinguishing system**

Telesto® Mist uses water mist dedicated to photovoltaic installations.

The purpose of the system is to eliminate

or at least a significant reduction in material losses

usually caused by the fire extinguishing operation (accompanying damage), by eliminating the need for fire brigade intervention or by limiting the impact of destructive extinguishing agents from standard fire protection systems (foam/powder/water).

The detection system uses a proprietary algorithm to detect the risk of damage to the installation or fire.

When a fire hazard is detected, the photovoltaic panels are automatically disconnected from the inverter and their voltage is reduced to a safe level, enabling the fire brigade to take action. Optionally, the services can be notified.

The system has a wide range of configuration options, including integration options.

Advantages of the system



Reducing the risk of electric shock



Autonomous way of protection



Harm reduction fire extinguishing operations



Protection of important assets



Water mist based extinguishing subsystem



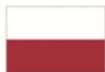
PV panel cooling option

Find out more at www.powerstar.com.pl

We are implementing a project entitled Development and market implementation of an innovative PV installation security system
Project No. POPW.01.01.02-18-0131/21



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