

CERTIFICATE OF CONFORMITY

No. 0037/2023

Following a request by:

Solarstop sp. z o.o.

ul. Innowacyjna 1

16-400 Suwałki

on the basis of the Act of 13th April 2016 on systems of conformity assessment and market supervision (Journal of Laws of 2022 item 1854); and following the principles of conduct determined in the certification program of the CNBOP-PIB certifying authority which concerns conducting certification processes of products, the Scientific and Research Centre for Fire Protection – National Research Institute hereby declares that the following product:

Fire extinguishing device for photovoltaic installations, type SOLARSTOP

manufactured by:
Solarstop sp. z o.o.
ul. Innowacyjna 1
16-400 Suwałki

at the manufacturing plant:
Solarstop Manufacturing Plant
ul. Staszica 3
16-400 Suwałki

meets the requirements of the following technical specification:

WBO/13/CNBOP-PIB:2023

Documentation:

1. Request for conducting the certification process for the product number D/6755/2023 of 11th September 2023,
2. Test report no. 1123/BU/23 of 22nd September 2023 for a test performed at the BU CNBOP-PIB Fire Extinguishing Devices and Agents Laboratory Complex.

This certificate shall remain valid on the condition the Ordering Institution follows the requirements included in the Agreement number 7/DC/DO/2023 of 29th September 2023.

Validity period of this certificate: from **29th September 2023** to **28th September 2028**

MANAGER
OF THE CERTIFYING AUTHORITY
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Deputy Manager of Certifying Authority
mgr inż Ewa Sobór [MSc]

[red official seal with the national
emblem of the Republic of Poland in
the centre and text *CENTRUM*
NAUKOWO-BADAWCZE OCHRONY
PRZECIWPOŻAROWEJ PAŃSTWOWY
INSTYTUT BADAWCZY im. Józefa
Ruliszkowskiego around the rim]

HEAD OF CNBOP-PIB
[illegible signature]
Certification and Authorisation Deputy Head
senior team leader dr hab. Inż. Jacek Zboina

Józefów, date: 29th September 2023

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Fire extinguishing device for photovoltaic installations, type SOLARSTOP

Technical information characterising the product:

Range of applications	for extinguishing fires of photovoltaic installations
Gross combined weight	~ 15.5 kg
Amount of extinguishing agent	9 kg
Type of extinguishing agent	SOLARSTOP extinguishing agent
Working time	min. 9 s
Working medium	Nitrogen N ₂
Working pressure at 20°C	15 bar
Tank test pressure	29 bar
Temperature range of application	From +3°C to +60°C
Minimum fire extinguishing efficiency	test fire 13 A
Maximum voltage of extinguished equipment	acc. to manufacturer's data

The utilised conformity assessment certification program type was N1, incorporating certain elements following the provisions of PN-EN ISO/IEC 17067:2017-01:

1. Selection (normative documents, samples);
2. Determination of the characteristics through performing tests and assessing production conditions;
3. Review of the acquired conformity evidence;
4. Making decisions concerning certification;
5. Issuing a certificate of conformity, granting the right to utilise it;
6. Supervision through:
 - assessment of the production process,
 - review and analysis of the existing information concerning complaints received by the manufacturer and assessment of the undertaken corrective and preventive actions.

ADDITIONAL PROVISIONS AND NOTICES

The Ordering Party is obliged to mark the product with the acronym CNBOP-PIB and the number of this certificate during this Certificate's validity period.

MANAGER
OF THE CERTIFYING AUTHORITY

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Deputy Manager of Certifying Authority
mgr inż Ewa Sobór [MSc]

[red official seal with the national emblem of the Republic of Poland in the centre and text *CENTRUM NAUKOWO-BADAWCZE OCHRONY PRZECIWPÓŻAROWEJ PAŃSTWOWY INSTYTUT BADAWCZY im. Józefa Tuliszkowskiego* around the rim]

HEAD OF CNBOP-PIB

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Certification and Authorisation Deputy Head
senior team leader dr hab. Inż. Jacek Zboina

Józefów, date: 29th September 2023