ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

(1) EU-Type Examination Certificate

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – **Directive 2014/34/EU**

(3) Number of Certificate of EU-Type Examination:

TPS 25 ATEX 131343 0001 X Issue 00

(4) Equipment: Ex range solar panel
Type: SPB-2**,SPB-365 and SPB-XX/XX

(5) Manufacturer: JCE (Europe) Ltd

(6) Address: East Way Lee Mill,
Industrial Estate Ivybridge,
Devon PL21 9LL
UNITED KINGDOM

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) TÜV SÜD Product Service GmbH, notified body No. 0123 in accordance with Article 17 of the Council Directive 2014/34/EU of the European Parliament and of the Council dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive.
The examination and test results are recorded in the confidential reports 713343894.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018/A11:2024 **EN IEC 60079-7:2015/A1:2018**

EN 60079-18:2015/A1:2017

(10) If the sign “X“ is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacturer and supply of this equipment.

(12) The marking of the equipment shall include the following:

II 2G Ex eb mb IIC T4 Gb

Certification Body Explosion Protection
Ridlerstrasse 65, 80339 Munich

Munich, 02.09.2025

……
Dipl.-Ing. Ulrich Jacobs

EU-Type Examination Certificate without signature shall not be valid. The certificate may be circulated only without alteration. Extracts or alterations are subject to approval by TÜV SÜD Product Service GmbH.
In case of dispute, the German text shall prevail.
The document is internally administrated under the following number: E5XA 131343 0001 Rev. 00

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Schedule

(13) **EU-Type Examination Certificate TPS 25 ATEX 131343 0001 X** Issue 00

(14) Description of equipment:

Model	**U_{max} (V)**	**I_{max} (A)**
SPB-230	22.3	8.78
SPB-250	29.5	8.58
SPB-255	36.9	9.09
SPB-260	33.2	8.78
SPB-280	38.3	9.26
SPB-365	49.1	9.17
SPB-XX/XX	Note 1	Note 2

Note 1:

U_{max} shall be the value specified by the manufacturer provided the voltage does not exceed U_{max} value of the SPB-365

Note 2:

I_{max} shall be the value specified by the manufacturer provided the current does not exceed I_{max} value of the SPB-365

Ambient temperature range	**Temperature class** (gas)
−20°C ≤ Ta ≤ 60°C	T4

(15) Test report: 713343894

(16) Special conditions for safe use:

The solar panel and any panels connected in series with it shall be covered in opaque material and the load disconnected prior to the terminal compartment being opened.
The total system voltage shall not exceed 800V DC.
The instructions provides guidance for the user to minimize the risk from electrostatic discharge (clean only with damp cloth).

(17) Essential health and safety requirements:

met by standards

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