



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX KLCS 25.0058X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2025-10-30

Applicant: **KLEEV MIDDLE EAST FZE**
Plot No. MO 0767, Street No. N200,
Jebel Ali Free Zone (North),
Dubai, P.O. Box: 17259
United Arab Emirates

Equipment: **Battery Box, Model: KPEXXBB Series**

Optional accessory:

Type of Protection: **Increased safety "e"**

Marking: **Ex eb IIC T6 Gb (-20 °C ≤ Ta ≤ 55°C)**

Approved for issue on behalf of the IECEx
Certification Body:

Vikram Paranjpe

Position:

Dy. Director (Operations)

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Karandikar Laboratories Certification Services
Gat No. 142, Boisar Chillar Rd.,
Opp. Union Park, At Betegaon,
Boisar (E), Tal- Palghar
Maharashtra 401501
India





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Manufacturer: **KLEEV MIDDLE EAST FZE**
Plot No. MO 0767, Street No. N200,
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Dubai, P.O. Box: 17259
United Arab Emirates

Manufacturing
locations: **KLEEV MIDDLE EAST FZE**
Plot No. MO 0767, Street No. N200,
Jebel Ali Free Zone (North),
Dubai, P.O. Box: 17259
United Arab Emirates

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 7.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition: 5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[IN/KLCS/ExTR25.0065/00](#)

Quality Assessment Report:

[IN/KLCS/QAR23.0010/01](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Battery Box, Model: KPEXXBB Series is designed to house lead-acid or nickel-cadmium secondary batteries (as defined in schedule drawing) which are connected in series with a maximum combined capacity of 3360 Ah.

The batteries are housed in a metallic enclosure which meets IP 66 requirements. The front panel of the enclosure is secured with bolts and can be removed for the purpose of installation.

The cover consists of two parts, the lower of which is secured with two bolts in the front and two hinges at the back to the enclosure and has a wire mesh in the middle which facilitates both ventilation of hydrogen gas and prevention of ingress of dust. The top part of the cover is bolted to the lower part which contains spacers to ensure gap is maintained for the purpose of ventilation of the hydrogen gas.

Model designation: KPE XX BB WWWW DDDD HHHH

KPE	XX	BB	WWW	DDDD	HHHH
	Material grade		Width (mm)	Depth (mm)	Height (mm)
Kleev product	01 = ASTM A240 Gr. 304 02 = ASTM A240 Gr. 304L 03 = ASTM A240 Gr. 316 04 = ASTM A240 Gr. 316L 05 = EN 10025-2 Gr. S235JR 06 = EN 10025-2 Gr. S275JR	Battery Box	Min : 0545 mm Max: 2589 mm	Min: 0399 mm Max: 1794 mm	Min : 0461 mm Max: 1191 mm

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Refer to the battery manufacturer's manual for full details of cell charging conditions.
2. The battery box shall not be exposed to mechanical shock.
3. If the battery is to be disconnected from its associated equipment in the hazardous area then a suitably Ex certified disconnection device shall be used.
4. The cells used to form the battery shall only be connected in series.
5. Battery box can only be mounted in horizontal position.
6. The battery shall be made from cells of the same type and from the same manufacturer.
7. The cells shall be operated within the allowable limits of the cell manufacturer.
8. To prevent faults from the charging devices causing over voltage or over current of the cells, voltage regulation and current limitation (fuses) shall be provided between the charger and the cells.
9. End use must ensure that load current (discharge rate) values specified on the name plate are not exceeded.
10. Charging is not allowed in hazardous area.
11. User must ensure that appropriate controller (as specified in manufacturer instruction manual) is used when charging to prevent reverse charging.