



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 UL 24.0060** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2024-09-27

Applicant: **mPower Electronics, Inc.**
2910 Scott Blvd.,
Santa Clara, CA 95054
United States of America

Equipment: **UNI LITE Single Gas detector, MP11*, * indicates the type of gas which does not relate to Ex properties. Where
** can be any number from 0-9.**

Optional accessory:

Type of Protection: **Intrinsic Safety "ia"**

Marking: **Ex ia IIC T4 Ga**
-20°C ≤ Ta ≤ +50°C

Approved for issue on behalf of the IECEx
Certification Body:

Susan K. Lee

Position:

Staff Engineer

Signature:
(for printed version)

2024-09-27

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:

UL Solutions (US)
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America



Solutions



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Manufacturer: **mPower Electronics (Shanghai) Co., Ltd**
Building 2, 66 Chunzhong Road, Minhang District, Shanghai 201108
China

Manufacturing locations: **mPower Electronics (Shanghai) Co., Ltd**
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Minhang District, Shanghai 201108
China

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 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

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:

US/UL/ExTR24.0080/00

Quality Assessment Report:

CN/NEP/QAR18.0006/03



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The equipment is a hand-held gas detector with non-metallic enclosure. The equipment is powered by one primary cell.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: NO

Annex:

[Annex to IECEx UL 24.0060 Issue 0.pdf](#)



IECEX Certificate of Conformity

Annex to Certificate No.:

IECEX UL 24.0060

Issue No.: 0

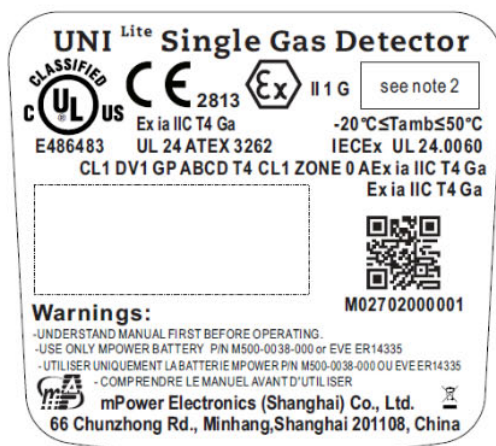
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PARAMETERS RELATING TO THE SAFETY

Battery powered, 3.6V

MARKING

Marking has to be readable and indelible; it has to include the following indications:



NOTE:

1. Manufacturer: AVERY DENNISON(CHINA), Model: MZ0389, UL File: MH20558
Manufacturer: AVERY DENNISON CORP FASSON ROLL NORTH AMERICA DIV,
Model: MZ0389, UL File: MH17205
Manufacturer: VARICUT, Model: AJ121-P, UL File: MH47058
Manufacturer: ZHANTU, Model: ZT969-1, ZT969-2, ZT969-3, UL File: MH47528
Manufacturer: TIANYUE, Model: TY968-125, UL File: MH25987
Manufacturer: FABRI-TECH, Model: ZEN72826, UL File: MH29793
Manufacturer: BROTHER, Model: TZe-FX231, Thermal transfer ribbon within cassette,
Brother industries Ltd Cassette, UL File: MH21016
2. Model MP11, followed by any number between 0-9