



# 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](http://www.iecex.com)

Certificate No.: **IECEX CQM 22.0003X** Page 1 of 3 [Certificate history:](#)  
Status: **Current** Issue No: 0  
Date of Issue: 2022-03-22  
Applicant: **mPower Electronics, Inc.**  
3046 Scott Blvd., Santa Clara, CA 95054  
**United States of America**  
Equipment: **Remote Controller typed MP210**  
Optional accessory:  
Type of Protection: **Intrinsic safety "ia"**  
Marking: **Ex ia IIC T4 Ga, -20°C≤Tamb≤+50°C**

Approved for issue on behalf of the IECEx  
Certification Body:

**Ji Xiaodong**

Position:

**President**

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](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**China Quality Mark Certification Group Co., Ltd.**  
**No. 33 Zengguang Road, Haidian District**  
**Beijing City, Postal code: 100048**  
**China**





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Certificate No.: **IECEX CQM 22.0003X**

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Date of issue: 2022-03-22

Issue No: 0

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

Manufacturing locations: **mPower Electronics (Shanghai) Co., Ltd**  
Building 2, 66 Chunzhong Road,  
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:

[CN/CQM/ExTR22.0016/00](#)

Quality Assessment Report:

[CN/NEP/QAR18.0006/02](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

MP210 is a remote controller for controlling the MP81X VOC gas detector. Remote parameters setting for the detector can be realized through the wireless.

The physical dimensions are 134mm by 45.5mm by 13.5mm and the unit weights about 68g. It is a small-size handheld and battery powered remote, the housing is made of black plastic material (ABS).

MP210 is powered by two alkaline batteries. Nine push buttons are used to operate the unit.

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

1. Observe the warning "Do not replace battery in the hazardous area!"
2. The ambient temperature is  $-20^{\circ}\text{C}\sim+50^{\circ}\text{C}$ .
3. Only use the Alkaline battery typed Duracell Mn2400 AAA.