



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 TPS 25.0016X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2025-04-14
Applicant: **The Joy Factory Inc.**
16811 Hale Ave, Bldg D
Irvine, CA 92606
United States of America
Equipment: **aXtion Extreme for iPad mini / Model: HTA3021**
Optional accessory:
Type of Protection: **Flameproof enclosures "d", Protection by enclosure "t"**
Marking: Ex db IIC T6 Gb
Ex tb IIIC T85°C Db

Approved for issue on behalf of the IECEx
Certification Body:

Xia Jiayan

Position:

Technical Certifier

Signature:
(for printed version)

Date:
(for printed version)

2025-04-14

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:

TÜV SÜD Product Service GmbH
Ridlerstr. 65
D-80339 Munich
Germany



Product Service



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Manufacturer: **Celebree Limited**
11F, No. 872, Zhongzheng Road, Zhonghe Dist.
New Taipei City 23586
Taiwan

Manufacturing locations: **Celebree Limited**
11F, No. 872, Zhongzheng Road,
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New Taipei City 23586
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jlin Technology inc.
3F., No. 576, Sec. 1, Minsheng N. Rd.,
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Taoyuan City 333016
Taiwan

SAFETECH MOBILITY SDN BHD
No 54-01, Jalan Molek 1/28, Taman
Molek,
Johor Bahru,
Johor 81100
Malaysia

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 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

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:

[DE/TPS/ExTR25.0018/00](#)

Quality Assessment Report:

[DE/TPS/QAR25.0008/00](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The device is designed to protect the iPad mini 6 or iPad mini 7 with a robust flameproof enclosure. It is intended for use in Zone 1 (EPL Gb) with Group IIC, T6 classification, and Zone 21 (EPL Db) with Group IIIC, T85°C. The protection types include Flameproof enclosures “d” and Protection by enclosure “t”.

The housing, power, and volume buttons of the device are constructed from aluminum. The front panel and rear camera opening are made of glass. The device is protected by rubber bumpers on all four corners as well.

The I/O port at the bottom of the device can be dismantled by the user to safely charge the iPad mini in a non-hazardous area. The general dimensions are 249 mm x 192 mm x 27 mm.

Electrical data

3.81 V DC (Cell Voltage)

4.4 V DC (Maximum Charging Voltage)

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Do not open the enclosure. If the enclosure is opened at any time, the safety certification is voided, and the solution shall not be used in environments with potentially explosive atmospheres. If iPad is damaged or malfunctioning and requires replacement, contact JOY.
2. The I/O port shall be fully engaged after charging, and the locking lever shall be fully latched while operating in a potentially flammable environment.
3. The glass window shall be protected from high impact energy >2J.
4. Do not charge in a potentially flammable environment.
5. CAUTION – USE FASTENERS WITH YIELD STRESS \geq 240MPa.
6. The screws should not be removed. They may only be replaced with ones with identical specifications: SUS 304 M4x6xP0.7mm and SUS304 M4x8xP0.7mm with torque of 8kgf-cm (see maintenance).
7. Rubber bumpers must be used all the time to protect the enclosure and must be visually inspected for good condition before each use.
8. The flameproof joints are not intended to be repaired.
9. If any damage to the equipment occurs, including cracks or deformation to the enclosure, a cracked or broken screen/rear camera window, or missing or damaged bumpers, it shall be removed from service.