



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 EXV 23.0054X	Page 1 of 3	Certificate history:
Status:	Current	Issue No: 0	
Date of Issue:	2024-02-02		
Applicant:	XCIEL 19830 FM 1093, Suite 2001 Richmond TX 77407 United States of America		
Equipment:	iPad Mini 6 Flameproof Case - XCZ1 iPad mini 6		
Optional accessory:			
Type of Protection:	Flameproof "d"		
Marking:	Ex db IIB T6 Gb (-20°C < Tamb < +50°C)		

Approved for issue on behalf of the IECEx
Certification Body:

Sean Clarke CEng MSc MIET

Position:

Certification Manager

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:

ExVeritas Limited
Units 16-18 Abenbury Way
Wrexham Ind. Est.
Wrexham LL 139UZ
United Kingdom





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Certificate No.: **IECEx EXV 23.0054X**

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Date of issue: 2024-02-02

Issue No: 0

Manufacturer: **XCIEL**
19830 FM 1093, Suite 2001
Richmond TX 77407
United States of America

Manufacturing
locations:

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

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:

[GB/EXV/ExTR23.0094/00](#)

Quality Assessment Report:

[GB/EXV/QAR21.0012/01](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Model number(s): XCZ1 iPad mini6

This equipment is a flameproof, Ex db aluminum enclosure with glass windows housing an iPad Mini 6. The general dimensions are 247.6 mm x 187.1 mm x 35.6 mm.

Rated:

3.82 Vdc (Cell Voltage)

4.35 Vdc (Maximum Charging Voltage)

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Do not open the aluminum case.
2. The iPad shall not be charged, by cable or wireless, when hazardous atmospheres are present. Equipment shall only be charged with a suitably approved charger.
3. Flameproof joints shall not be modified or repaired. Contact the manufacturer for flameproof joints information.
4. Fasteners in the equipment are thread locked and shall not be removed/replaced without manufacturer's approval. The only fasteners allowed to be removed/replaced by the end user are those of the USB charging port cover and SIM card cover. Refer to manufacturer's safety instructions for information on installation and fastener type.
5. Rubber bumpers must be installed on the equipment at all times to protect corners of the aluminum case and must be visually inspected for good condition before each use.

Annex:

[IECEx EXV 23_0045X Iss 0 Certificate Annex.pdf](#)

Annex to: IECEx EXV 23.0054X Issue 0

Technical Documents			
Title:	Drawing No.:	Rev. Level:	Date:
iPAD MINI 6 CASE	XCZ1-IPM6-3000	01	12/20/2023
FRONT COVER	XCZ1-IPM6-1000	01	10/21/2022
iPAD MINI 6 LINER	XCZ1-IPM6-1001	00	10/21/2022
BACK COVER	XCZ1-IPM6-1002	00	10/21/2022
CHARGE PORT COVER	XCZ1-IPM6-1003	02	12/20/2023
CHARGING PORT COVER LOCK	XCZ1-IPM6-1004	01	01/17/2024
SIM CARD SLOT COVER	XCZ1-IPM6-1006	00	10/20/2022
GLASS RETAINER	XCZ1-IPM6-1007	00	07/29/2022
CONTROL ROD	XCZ1-IPM6-1008	00	02/04/2021
FRONT GLASS	XCZ1-IPM6-1100	00	10/28/2021
CAMERA GLASS	XCZ1-IPM6-1101	00	06/23/2022
FOAM	XCZ1-IPM6-1200	00	05/18/2022
BUMPER	XCZ1-IPM6-1201	00	02/22/2021
FASTENERS	XCZ1-IPM6-1400	01	12/19/2023
iPAD MINI 6 INTERNAL COMPONENTS	XCZ1-IPM6-1800	00	10/16/2023
Gluing procedure for XCZ1 glass on iPad mini6 enclosure	QSWI-78	0	01/15/2024
Safety Instructions & Regulations	QSF-89	--	11/29/2023

Note: An * is included before the title of documents that are new or revised.