



BSI Standards Publication

Fuel cell technologies

Part 6-401: Micro fuel cell power systems — Power and data interchangeability — Performance test methods for laptop computer

National foreword

This British Standard is the UK implementation of EN IEC 62282-6-401:2025. It is identical to IEC 62282-6-401:2025.

The UK participation in its preparation was entrusted to Technical Committee GEL/105, Fuel cell technologies.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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English Version

Fuel cell technologies - Part 6-401: Micro fuel cell power
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methods for laptop computer
(IEC 62282-6-401:2025)

Technologies des piles à combustible - Partie 6-401:
Systèmes à micropiles à combustible - Interchangeabilité
de la puissance et des données - Méthodes d'essai des
performances pour ordinateur portable
(IEC 62282-6-401:2025)

Brennstoffzellentechnologien - Teil 6-401: Mikro-
Brennstoffzellen-Energiesysteme - Austauschbarkeit von
Leistung und Daten - Leistungskennwertprüfverfahren für
Laptop-Computer
(IEC 62282-6-401:2025)

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European Committee for Electrotechnical Standardization
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European foreword

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The following dates are fixed:

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In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60068-2-6	NOTE	Approved as EN 60068-2-6
IEC 61672-1	NOTE	Approved as EN 61672-1
IEC 62680-1-3	NOTE	Approved as EN IEC 62680-1-3
ISO 9000	NOTE	Approved as EN ISO 9000

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-485	2020	International Electrotechnical Vocabulary (IEV) - Part 485: Fuel cell technologies (available at www.electropedia.org)	-	-
IEC 60730-2-14	-	Automatic electrical controls - Part 2-14: Particular requirements for electric actuators	EN IEC 60730-2-14	-
IEC 60945	-	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results	EN 60945	-
IEC 61204-3	-	Low-voltage switch mode power supplies - Part 3: Electromagnetic compatibility (EMC)	EN IEC 61204-3	-
IEC 62282-3-200	2015	Fuel cell technologies - Part 3-200: Stationary fuel cell power systems - Performance test methods	EN 62282-3-200	2016
IEC 62282-4-101	-	Fuel cell technologies - Part 4-101: Fuel cell power systems for electrically powered industrial trucks - Safety	EN IEC 62282-4-101	-
IEC 62282-6-400	-	Fuel cell technologies - Part 6-400: Micro fuel cell power systems - Power and data interchangeability	EN IEC 62282-6-400	-
IEC/TS 62700	-	DC power supply for notebook computers	-	-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FUEL CELL TECHNOLOGIES –

**Part 6-401: Micro fuel cell power systems –
Power and data interchangeability –
Performance test methods for laptop computer**

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IEC 62282-6-401 has been prepared by IEC technical committee 105: Fuel cell technologies. It is an International Standard.

The text of this International Standard is based on the following documents:

Draft	Report on voting
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Full information on the voting for its approval can be found in the report on voting indicated in the above table.