SLOVENSKI STANDARD
oSIST prEN IEC 62282-2-400:2026

01-september-2026

Tehnologije gorivnih celic - 2-400. del: Moduli gorivnih celic - Izračun nazivne moči in gostote moči sklopa PEM in modula PEM

Fuel cell technologies - Part 2-400: Fuel cell modules - Calculation of rated power and power density of a PEM stack and PEM module

Ta slovenski standard je istoveten z: **prEN IEC 62282-2-400:2026**

ICS:

27.070	Gorilne celice	Fuel cells

oSIST prEN IEC 62282-2-400:2026 **en**

105/1166/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: **IEC 62282-2-400 ED1**	
DATE OF CIRCULATION: **2026-07-31**	CLOSING DATE FOR VOTING: **2026-10-23**
SUPERSEDES DOCUMENTS: **105/935/CD, 105/965A/CC**	

IEC TC 105 : FUEL CELL TECHNOLOGIES

SECRETARIAT: Germany	SECRETARY: Mr David Urmann
OF INTEREST TO THE FOLLOWING COMMITTEES:	HORIZONTAL FUNCTION(S):
ASPECTS CONCERNED:	
☒ SUBMITTED FOR CENELEC PARALLEL VOTING **Attention IEC-CENELEC parallel voting** The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting. The CENELEC members are invited to vote through the CENELEC online voting system.	☐ NOT SUBMITTED FOR CENELEC PARALLEL VOTING

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Recipients of this document are invited to submit, with their comments, notification of any relevant “In Some Countries” clauses to be included should this proposal proceed. Recipients are reminded that the CDV stage is the final stage for submitting ISC clauses. (SEE AC/22/2007 OR NEW GUIDANCE DOC).

TITLE:

Fuel cell technologies - Part 2-400: Fuel cell modules - Calculation of rated power and power density of a PEM stack and PEM module

PROPOSED STABILITY DATE: 2029

NOTE FROM TC/SC OFFICERS:

CONTENTS

INTERNATIONAL ELECTROTECHNICAL COMMISSION

_____

FUEL CELL TECHNOLOGIES – Part 2-400: Fuel cell modules – Calculation of Rated Power and Power Density of a PEM stack and PEM module

FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.
6) All users should ensure that they have the latest edition of this publication.
7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
9) IEC draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). IEC takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, IEC had not received notice of (a) patent(s), which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at https://patents.iec.ch. IEC shall not be held responsible for identifying any or all such patent rights.

IEC 62282-4-200 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
105/XX/FDIS	105/XX/RVD

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

The language used for the development of this International Standard is English.

105 This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in
106 accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available
107 at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are
108 described in greater detail at www.iec.ch/publications.

109 A list of all parts in the IEC 62282 series, published under the general title FUEL CELL
110 TECHNOLOGIES can be found on the IEC website.

111 The committee has decided that the contents of this document will remain unchanged until the
112 stability date indicated on the IEC website under webstore.iec.ch in the data related to the
113 specific document. At this date, the document will be

114 • reconfirmed,
115 • withdrawn, or
116 • revised.
117