



**BSI Standards Publication**

## **Energy management system application program interface (EMS-API)**

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Part 600-2: Common Grid Model Exchange  
Specification (CGMES) — Exchange profiles specification

## National foreword

This British Standard is the UK implementation of EN IEC 61970-600-2:2021. It is identical to IEC 61970-600-2:2021. It supersedes PD IEC/TS 61970-600-2:2017, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PEL/57, Power systems management and associated information exchange.

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Published by BSI Standards Limited 2021

ISBN 978 0 539 02455 5

ICS 33.200

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 August 2021.

### Amendments/corrigenda issued since publication

| Date | Text affected |
|------|---------------|
|------|---------------|

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English Version

Energy management system application program interface  
(EMS-API) - Part 600-2: Common Grid Model Exchange  
Specification (CGMES) - Exchange profiles specification  
(IEC 61970-600-2:2021)

Interface de programmation d'application pour système de  
gestion d'énergie (EMS-API) - Partie 600-1: Spécification  
pour l'échange de modèle de réseau commun (CGMES) -  
Spécification de profils d'échange  
(IEC 61970-600-2:2021)

Schnittstelle der Anwendungsprotokolle von  
Energieverwaltungssystemen (EMS-API) - Teil 600-2:  
Austausch von Elektrizitätsversorgungssystemmodellen  
(CGMES) - Spezifikation der Austauschprofile  
(IEC 61970-600-2:2021)

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Comité Européen de Normalisation Electrotechnique  
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

## **European foreword**

The text of document 57/2361/FDIS, future edition 1 of IEC 61970-600-2, prepared by IEC/TC 57 “Power systems management and associated information exchange” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61970-600-2:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-04-09
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-07-09

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The text of the International Standard IEC 61970-600-2:2021 was approved by CENELEC as a European Standard without any modification.

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

IEC 61970-501:2006 NOTE Harmonized as EN 61970-501:2006 (not modified)

IEC 61970-552:2016 NOTE Harmonized as EN 61970-552:2016 (not modified)

## 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](http://www.cenelec.eu).

| <u>Publication</u> | <u>Year</u> | <u>Title</u>                                                                                                                                                        | <u>EN/HD</u>      | <u>Year</u> |
|--------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|
| IEC 61968-11       | -           | Application integration at electric utilities - System interfaces for distribution management - Part 11: Common information model (CIM) extensions for distribution | -EN 61968-11      | -           |
| IEC 61968-13       | -           | Application integration at electric utilities - System interfaces for distribution management - Part 13: Common distribution power system model profiles            | -EN IEC 61968-13  | -           |
| IEC 61970-301      | 2020        | Energy management system application program interface (EMS-API) - Part 301: Common information model (CIM) base                                                    | EN IEC 61970-301  | 2020        |
| IEC 61970-302      | 2018        | Energy management system application program interface (EMS-API) - Part 302: Common information model (CIM) dynamics                                                | EN IEC 61970-302  | 2018        |
| IEC 61970-452      | 2017        | Energy management system application program interface (EMS-API) - Part 452: CIM static transmission network model profiles                                         | EN 61970-452      | 2017        |
| IEC 61970-453      | 2014        | Energy management system application program interface (EMS-API) - Part 453: Diagram layout profile                                                                 | EN 61970-453      | 2014        |
| IEC 61970-456      | 2018        | Energy management system application program interface (EMS-API) - Part 456: Solved power system state profiles                                                     | EN IEC 61970-456  | 2018        |
| IEC 61970-600-1    | 2021        | Energy management system application program interface (EMS-API) - Part 600-1: Common Grid Model Exchange Standard (CGMES) - Structure and rules                    | EN IEC 61970-2021 | 2021        |

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