



BSI Standards Publication

Electricity metering equipment (a.c.) - Particular requirements

Part 21: Static meters for active energy (classes 1 and 2)

National foreword

This British Standard is the UK implementation of EN 62053-21:2003+A1:2017, incorporating corrigendum March 2018. It is identical to IEC 62053-21:2003, incorporating amendment 1:2016. It supersedes BS EN 62053-21:2003, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment A1 is indicated by A1 A1.

The UK participation in its preparation was entrusted to Technical Committee PEL/13, Electricity Meters.

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

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Date	Text affected
24 February 2004	Correction to supersession information
31 March 2017	Implementation of IEC amendment 1:2016 with CENELEC endorsement A1:2017
31 July 2018	Implementation of IEC corrigendum March 2018: IEC Foreword added

**Electricity metering equipment (a.c.) –
Particular requirements
Part 21: Static meters for active energy (classes 1 and 2)
(IEC 62053-21:2003)**

Equipement de comptage
de l'électricité (c.a.) –
Prescriptions particulières
Partie 21: Compteurs statiques d'énergie
active (classes 1 et 2)
(CEI 62053-21:2003)

Wechselstrom-Elektrizitätszähler -
Besondere Anforderungen
Teil 21: Elektronische
Wirkverbrauchszähler
der Genauigkeitsklassen 1 und 2
(IEC 62053-21:2003)

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 13/1282/FDIS, future edition 1 of IEC 62053-21, prepared by IEC TC 13, Equipment for electrical energy measurement and load control, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62053-21 on 2003-03-01.

This European Standard supersedes EN 61036:1996 + A1:2000.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2003-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2006-03-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annexes A, B and ZA are normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62053-21:2003 was approved by CENELEC as a European Standard without any modification.

Foreword to amendment A1

The text of document 13/1699/FDIS, future IEC 62053-21:2003/A1, prepared by IEC/TC 13 "Electrical energy measurement, tariff- and load control" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62053-21:2003/A1:2017.

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standards conflicting with the
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The text of the International Standard IEC 62053-21:2003/A1:2016 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 62058-11:2008	NOTE	Harmonized as EN 62058-11:2010.
IEC 62058-31:2008	NOTE	Harmonized as EN 62058-31:2010.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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.

Delete:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60736	1982	Testing equipment for electrical energy meters	-	-
IEC 61358	1996	Acceptance inspection for direct connected - alternating current static watt-hour meters for active energy (classes 1 and 2)		-

Addition:

IEC 62052-11	2003	Electricity metering equipment (AC) - General requirements, tests and test conditions -- Part 11: Metering equipment	EN 62052-11	2003
+ A1	2016		+ A1	2017
IEC 62052-31	2015	Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 31: Product safety requirements and tests	EN 62052-31	2016

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRICITY METERING EQUIPMENT (AC) – PARTICULAR REQUIREMENTS –

Part 21: Static meters for active energy (classes 1 and 2)

FOREWORD

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