

<b>STN</b>	<b>Požiadavky na ekodizajn transformátorov malého výkonu</b>	<b>STN EN 50645</b>  35 1330
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Ecodesign requirements for small power transformers

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

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## Ecodesign requirements for small power transformers

Exigences en matière d'écoconception applicables aux  
transformateurs de faible puissanceAnforderungen an die umweltgerechte Gestaltung von  
Kleinleistungstransformatoren

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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

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**EN 50645:2017**

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## European foreword

This document (EN 50645:2017) has been prepared by CLC/BTTF 146-1 “*Losses of small transformers: methods of measurement, marking and other requirements related to eco-design regulation*”.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018–07–31
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2020–07–31

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

**EN 50645:2017****1 Scope**

This European Standard gives Ecodesign requirements for small power transformers complying with the EN 61558 series and in relation to Commission Regulation (EU) N° 548/2014 implementing the European Directive 2009/125/EC.

This European Standard is applicable to transformers with 50 Hz AC input and output with a rated power of 1 kVA or more and a voltage lower than 1 kV, except those excluded in the regulation.

For transformers with a voltage between 1 kV and 1,1 kV, this standard may be used as a guide.

**2 Normative references**

Not applicable.

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**