

# IEEE Standard for Environmental Assessment of Televisions

IEEE Computer Society

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# IEEE Standard for Environmental Assessment of Televisions

Sponsor

**Environmental Assessment Standards Committee**  
of the  
**IEEE Computer Society**

Approved 30 August 2012

**IEEE-SA Standards Board**

**Abstract:** A clear and consistent set of environmental performance criteria for the design of televisions is established, providing an opportunity for manufacturers to secure market recognition for efforts to reduce the environmental impact of electronic products. This standard is also intended to provide a tool for government, institutional, corporate, and consumer purchasers to identify products that demonstrate environmental leadership. This standard is intended to be updated and revised on a periodic basis to continue to set a higher performance standard for leadership products.

**Keywords:** electronic product, electronic product design, environment, environmental leadership, environmental performance, IEEE 1680.3, televisions

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## Introduction

This introduction is not part of IEEE Std 1680.3-2012, IEEE Standard for Environmental Assessment of Televisions.

IEEE Std 1680.3-2012 was developed due to a growing demand by purchasers for an easy-to-use evaluation tool that allows the comparison and selection of electronic products based on environmental performance.

This standard is intended to be used by government, institutional, corporate, and consumer purchasers in the selection of electronics products based on environmental performance, and by product designers and manufacturers who wish to sell products that meet environmental performance standards.

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# IEEE Standard for Environmental Assessment of Televisions

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## 1. Overview

### 1.1 Scope

This standard defines environmental performance for televisions, television combination units, and component television units, relating to reduction or elimination of environmentally sensitive materials, materials selection, design for end of life, life-cycle extension, energy conservation, end-of-life management, corporate performance, and packaging. This standard applies to products that are primarily marketed as televisions, and does *not* cover computer displays as defined by IEEE 1680.1<sup>TM</sup> [B12].<sup>1</sup>

### 1.2 Purpose

This standard for televisions is part of the IEEE 1680<sup>TM</sup> family of standards that provides a clear and consistent set of performance criteria for the design of electronic products, and provides an opportunity to secure market recognition for efforts to reduce the environmental impact of electronic products. This *television standard* is intended to provide a tool for government, institutional, corporate, and consumer purchasers. Product manufacturers may use this tool to earn recognition in these markets, recognizing that certain criteria may not be applicable to all types of purchasers.

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<sup>1</sup> The numbers in brackets correspond to those of the bibliography in Annex A.