

ICS 97.120
CCS Q 77

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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

CJ/T 356-2010

**General specifications of home and building electronic
systems(HBES)
(English Translation)**

Issued on: October 25, 2010

Implemented on: May 1, 2011

**Issued by: Ministry of Housing and Urban-Rural Development of the
People's Republic of China**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method identical with the European standard EN50090 "Home and Building Electronic Systems (HBES) "(" Household and Building Electronic Systems (HBES) ")" series of standards in the EN50090-2 standard.

This standard made the following editorial changes.

--- Comprehensive EN50090-2 series of standard parts of the scope of the formation of the scope of this standard;

--- EN50090-2 standard normative references combined form the normative references Chapter 2 of this standard;

--- The EN50090-2 series of standard parts of the definition and terminology merged to form the definition of the third chapter and terminology;

--- The acronyms of EN50090-2-2 standard form the abbreviation and code of Chapter 4 of this standard;

--- EN50090-2 series of standard parts of the range as the corresponding section of the standard or terms of the general;

--- EN50090-2 series of standards appendices after the merger of all parts form the appendix of this standard;

--- EN50090-2-3 standard reference after finishing the formation of the reference documents;

--- Reprogrammed the foreword as a preface to this standard.

This standard proposed by the Ministry of Housing and Urban Rural Development and

standards.

1 Scope

This standard specifies the terms and definitions for household and building electronic systems, abbreviations and code, system architecture, general technical requirements Find the test methods, functional safety of the general requirements.

This standard applies to home and building electronic systems (including smart home systems) design, production and testing.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 2423.1 Environmental testing for electric and electronic products Part 2. Test methods Test A. Low temperature (IEC 60068-2-1.

2007)

GB/T 2423.2 Environmental testing for electric and electronic products Part 2. Test methods Test B. high temperature (IEC 60068-2-2.

2007)

GB/T 2423.3 Environmental testing for electric and electronic products Part 2. Test methods Test Cab. constant hot and humid test (IEC 60068-2-78.:2001) GB/T 2423.4 Environmental testing for electric and electronic products Part 2. Test methods Test Db alternating hot and humid (12h 12h cycle Ring) (IEC 60068-2-30.:2005) GB/T 2423.5 Environmental testing for electric and electronic products Part 2. Test methods Test Ea and guidelines. Impact (idt IEC 68-2-27. 1987) GB/T 2423.10 Environmental testing for electric and electronic products Part 2. Test methods Test Fc. Vibration (sinusoidal) (IEC 60068-2-6.:1995) GB/T 2423.22-2002 Environmental testing for electric and electronic products Part 2. Test methods Test N. Temperature change (IEC 60068-2-14. 1984) GB/T 5023.1 Rated voltage 450/750V and below PVC insulated cables - Part 1. General requirements (IEC 60227-1.

2007, IDT)

GB/T 5023.2 Rated voltage 450/750V and below PVC insulated cables - Part 2. Experimental methods (idt IEC 60227-2) GB/T 5080.7 equipment reliability test under constant failure rate under the assumption of failure rate and MTBF validation test program (IEC 605-7-1978) GB 9254 Information technology equipment radio disturbance limits and measurement methods (CISPR22..2006, IDT) GB/T 9387.2 Information Processing Systems - Open Systems Interconnection Basic Reference Model Part 2. Security

Architecture (ISO 7498-2-1989) GB/T 11327.2 PVC insulated PVC sheathed low frequency communications cables and wires - Part 2. Bureau cable (line group or Three-line group or four-line group or five-line group) GB 16895.5 electrical installations in buildings - Part 4. Security Chapter 43. Overcurrent protection (idt IEC 60364-4-43.

1977)