

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

SN/T 3324.3-2012

**Technical requirements for the inspection of information
technology equipment for import and export. Part 3: Energy
efficiency of external power supplies**

(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions

Foreword

SN/T 3324 "Information technology equipment import and export inspection and technical requirements" is divided into four parts.

- Part 1. portable computer energy efficiency;
- Part 2. desktop computer energy efficiency;
- Part 3. External power supply energy efficiency;
- Part 4. energy efficient multifunction devices.

This section SN/T 3324 Part 3.

This section drafted in accordance with GB/T 1.1-2009 given rules.

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This section proposed and managed by the National Certification and Accreditation Administration Committee.

1 Scope

SN/T 3324 This section provides the energy efficiency requirements for import and export external power supply, test results and determined approach.

This section applies to imported or exported to the EU, the United States or other countries (regions) of the external power supply.

For external power supply does not apply to imports of DC - DC converters.

For exports to the EU does not apply to an external power source. a voltage converter; uninterruptible power supply (UPS); battery charger. Halogen conversion Device; an external power supply for medical devices; prior to June 30, 2015 in the market as the July 24, 2010 appear on the market External power supply service member or alternate

member, and these service components or spare parts or parcels can clearly show the service member or alternate member and a predetermined load primarily for use with an external power supply.

For exports to the United States does not apply to an external power source. According to the US Federal Food, Drug, and Cosmetic Act (21U.S.C.360c) 513 Provisions would require the federal Food and Drug Administration approved the listing and medical equipment; to provide a detachable battery pack charger power supply means

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB 20943 single output AC - DC and AC - AC external power supply energy efficiency of limited value and energy conservation evaluation values Commission Regulation (EC) No. 278/2009 in order to implement the European Parliament and of the Council 2005/32/EC of the instruction, the external power supply no-load power consumption and average efficiency of eco-design requirements (Implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to eco design requirements for no-load condition electric power consumption and average active efficiency of external power supplies) the Energy Policy Act E.P.A.C.T.2005 (Pub.L. 109-58) (The Energy Policy Act of) Energy Independence and Security Act E.I.S.A.2007 (Pub.L.110-140) (The Energy Independence and Security Act)

3 Terms and Definitions

GB 20943, the European Commission Regulation (EC) No. 278/2009, the Energy Policy Act, the Energy Independence and Security Act and defined under Column terms and definitions apply to this document.

Import external power external power supply for import China's imports to the AC mains voltage is converted to a fixed, single low-voltage direct current (less than 36V) or low-voltage AC (not more than 36V) output voltage; and electricity load matching; can be separated from the electricity load; through wires, cables, or other permanent connection with the end-product phase Connection; not equipped with any battery; rated output power less than 250W external power source.

Exports to the EU external power external power supply for export to European union Exports to EU member states, will design the power grid came input AC power into low-voltage DC or AC output; only once