

Implementation Rules of Flat Panel Televisions Energy Efficiency Label

1. General provisions

1.1 The rules are formulated according to *Energy Efficiency Label Management Method* (the 17th Order of National Development & Reform Commission (NDRC) and General Administration of Quality Supervision, Test and Quarantine of the People's Republic of China (AQSIQ), hereinafter referred to as the *Method*).

1.2 The rules are applicable for the use, filing and announcement of energy efficiency label (hereinafter referred to as the label) of LCD television and PDP television for general use in network voltage, as well as liquid crystal or PDP device that main function is television and without tuner.

This rule shall not be applicable for the flat panel television with military and industrial machinery matching (installed military and industrial machinery and sale matching).

2. Label pattern and specification

2.1 The label is a color one with blue and white background, minimum length 80 mm and minimum width 54 mm.

2.2 The label title is Zhongguo Nengxiao Biaoshi (English title CHINA ENERGY LABEL) and includes content below:

(1) Manufacturer's title (or abbreviated title)

(2) Product specification and model

(3) Energy efficiency grade

(4) Energy efficiency index (EEI)

a) Energy efficiency index for LCD (EEI_{LCD})

b) Energy efficiency index for PDP (EEI_{PDP})

(5) Passive standby power (W)

(6) The serial number of pursuant national standard of energy efficiency

2.3 Please see [annex 2](#) for the minimum pattern and specification of the label.

3. Energy efficiency test

3.1 The testing way of energy efficiency index (EEI) and passive standby power shall be pursuant to the current valid edition of GB 24850.

3.2 Please refer to **appendix 1**—*Flat panel television Energy Efficiency Test Report* (hereinafter referred to as the test report) for the format of the test report.

3.3 The manufacturer or importer may inspect products by themselves or authorize inspecting authorities approved by national lab approval committee to conduct test.

Energy efficiency inspecting lab is required to submit relevant filing material about the inspecting lab, and the materials should include personnel capabilities, equipment capabilities, test management codes, etc.

The authorized institution is required to check and examine the test capabilities of the test lab.

4 Remark of the label information

4.1 The name of the manufacturer refers to product brand owner or user assuming legal liabilities for the product.

4.2 The product specification model should be keep consistent with the remark in the product plate.

4.3 The energy efficiency grade should be identified according to the energy efficiency grade judging method requirements in the currently valid edition of GB 24850 and the test report.

4.4 Energy efficiency index (EEI) and passive standby power should be identified according to the currently valid editions of GB 24850 and test report. Energy efficiency index (EEI) and passive standby power in the energy efficiency label should not exceed the value range of the corresponding energy efficiency grade. Energy efficiency index (EEI) and passive standby power of the tested product should meet nominal values in the energy efficiency label.

4.5 The currently valid edition of GB 24850 of the national standards shall be served as proofs.

5 The printing and pasting of labels

5.1 The manufacturer or importer should print labels by themselves and be responsible for

the printing quality.

5.2 The label should adopt the cooper plate paper weighing 80g or above for printing.

5.3 Every manufactured or imported flat panel television should be **placed** with a label.

5.4 The label should be pasted in the evident part of the flat panel televisions, or be displayed in the power-on screen for more than 2 seconds, or pasted or printed on the obvious place of the minimum package.

5.5 The label placed on the flat panel televisions in the article 5.4 of the rules should comply with stipulations in the article 2 and the pattern, words and color should not be altered. The label specification may be amplified according to the stipulations in article 2.1.

5.6 If the label used in the product user's manual and publicity may be enlarged and decreased according to proportion. The label can be printed in black and white, but the words in the label should be clear and legible.

6 Filing of labels

6.1 The manufacturers or importers should be filed one by one according to the models of the product. No test report is required for product with the same structure, energy efficiency index (EEI) and passive standby power.

6.2 The manufacturer or importer should submit the *Flat panel televisions Energy Efficiency Label Filing Form* (See **Appendix 3**) via letters and submit related filing materials stipulated by the *Method* within 30 days upon using the label and fill in related filing information on "China energy efficiency label website" (www.energylabel.gov.cn) at the same time.

The filing materials should be complete and truthful.

6.3 In case of any changes about the product filing information, it is required to file again in the authorized institution.

6.4 The authorized institution should finish label information check & exam and filing work within 10 workdays upon receipt of the filing materials (the time for manufacturer or importer to supplement materials will not be counted).

As for those pursuant to the requirements in article 6.2 of the rules, the authorized institution should register label information, file documents, make filing number, and announce on "China energy efficiency label website".

As for those not pursuant to the requirements in the article 6.2 of the rules, the authorized institution shall inform the manufacturer or importer of supplementing materials or replacing the used label in a timely way.

6.5 The manufacturer or importer should submit the report on label use status in the previous year to the authorized institution prior to March 15 every year. The Report should include main content as follows: label filing status of all models; label supervision and punishment status; label use status and other relevant energy efficiency label materials.

6.6 The materials in foreign language should be accompanied with Chinese version and the latter shall prevail.

7 Label announcements

7.1 As for the enterprises passing the filing check, the authorized institution should announce the label information of the filed products on “China energy efficiency label website”, and publish the label information of the filed products in related media periodically.

7.2 Announce the filing information according to the label filing number.

7.3 The authorized institution should build a product energy efficiency database, provide information inquiry services about product energy efficiency for manufacturers and consumers, and announce the label check, supervision and test status in time.

7.4 The authorized institution will accept the complaint concerning the label from manufacturers and consumers, telephone: (010) 58811738.

Appendix 1:

Flat Panel Televisions Energy Efficiency Test Report

Report number:

Testing body (with seal): _____

Tested by: _____ date: _____

Reviewed by: _____ date: _____

Approved by: _____ date: _____

Product name: _____

Model specification: _____

Manufacturer/ Trademark: _____

Authorizing unit: _____

Factory: _____

Notes

1. The report with absence of “the special stamp for test report” or the official seal of the inspecting unit shall be invalid.
2. The duplicated report without being affixed with “the special stamp for test report” or the official seal of the inspecting unit shall be invalid. Unless approved by the authorizing unit in the written form, any part of the report shall not be duplicated.
3. The report without signet of chief inspector, exam & check person or approval person shall be invalid and the report should be affixed with the perforation seal.
4. The report shall be invalid in case of any alteration.
5. In case of any objections to the test report, it is required to propose such objections to the inspecting unit within 15 days upon receipt of the report and the overdue objections shall be rejected.
6. The authorized institution shall be only liable for the sample test.
7. The basis for test and assessment is the current valid edition of the standard quoted by *Implementation Rules of Flat panel televisions Energy Efficiency Label*.

Test Report

Report Number:

Page _ of _ pages in all

Sample title		Model & specification	
		Trademark	
Sampling sheet number		Sample energy efficiency	
Sampling (sample delivery) address		Sample quantity	
Sampling (sample delivery) date		Sample batch	
Sample delivery date		Original number or manufacture date	
Test finishing date			
Testing standards			
Test items	Energy efficiency index (EEI) and passive standby power		
Test Conclusions	Energy efficiency index (EEI) and passive standby power of flat panel televisions of XXXX type manufactured by XXXX is tested, the testing items should comply with related requirements in GB 24850 and the energy efficiency grade is grade X. (blank space below) (The special stamp for the test report) Date_____		

Report number:

Page _ of _pages in all

Sample description and instruction	Screen effective size (length × width)(mm × mm)	Length _____ × Width _____
	Type	☐ LCD ☐ PDP ☐ Others_____
	Additional functions	☐ Optic disc player ☐ Computer ☐ Net ☐ Video ☐ Others_____
	Inherent resolution (pixel number)	Horizontal _____ × Vertical _____
	Power supply modes	☐ Built-in power ☐ External power, output power (W) _____
	Signal processing power (W)	☐ YP _B P _R component interface input (6W) ☐ Video graphics array interface input (10W) ☐ Digital visual interface input (17W)
	Rating power (W)	
	Voltage (V)	
	Current (A)	
	Frequency (Hz)	
	Other descriptions:	

Sample description and instruction	The sample plate and photo (product external appearance and controlled parts) should be attached, and the photos should be clear and legible.
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Test Results

No.	Test item		Technological requirements	Rated value	Standard value	Actually measured value	Assessment for single item	Energy efficiency grade
1	Efficient lighting area		According to GB 24850. Unit: m ²					
	Inherent resolution (pixel number)		According to GB 24850.					
	Screen average brightness		According to GB 24850. Unit: cd / m ²					
	On mode power		According to GB 24850. Unit: W					
	Signal processing power		According to GB 24850. Unit: W					
	External	Minimum average power	According to GB 20943.					
		Maximum active power no load (W)	According to GB 20943.					
	Passive standby power		According to GB 24850. Unit: W					
	Energy efficiency index (EEI)	EEI _{LCD}	According to GB 24850.					
		EEI _{PDP}						

Appendix 2:

Flat Panel Televisions Energy Efficiency Label Filing Form

I. The filing party declares:

Our institution hereby guarantees:

The energy efficiency label information used is consistent with the filing information;

The filing in the authorized institution is updated when the model product is altered with its energy efficiency label;

Guarantee the product of this model consistently meets relevant use requirements of the energy efficiency label.

II. Energy efficiency label filing information

Name of the manufacturer: _____

Product specification and model: _____

Type	Item	Values	Remark
LCD	Passive standby power (W)		
	Energy efficiency index for LCD (EEI_{LCD})		
PDP	Passive standby power (W)		
	Energy efficiency index for PDP (EEI_{PDP})		
Energy efficiency grade			

III. Initial use date

The filed label begins to be used since _____.

IV. Other information

Sample description

Screen effective size (length × width)(mm × mm)	Length _____ × Width _____
Type	☐ LCD ☐ PDP ☐ Others_____
Additional functions	☐ Optic disc player ☐ Computer ☐ Net ☐ Video ☐ Others_____
Inherent resolution (pixel number)	Horizontal _____ × Vertical _____
Power supply modes	☐ Built-in power ☐ External power, output power (W) _____
Signal processing power (W)	☐ YP _B P _R component interface input (6W) ☐ Video graphics array interface input (10W) ☐ Digital visual interface input (17W)
Rating power (W)	
Voltage (V)	
Current (A)	
Frequency (Hz)	

Extended model information

No.	Specification and model	Energy efficiency index		Passive standby power	Energy efficiency grade
		EEI _{LCD}	EEI _{PDP}		

Filing party (affixed with the official seal):

Date: _____