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WEEE TEST REPORT

Report No: STS2205023E04

Issued for

Daiichi Elektronik San.ve Tic A.S

Asirefendi caddesi Imar Han No:15 Kat 4 Ataşehir /
ISTANBUL / TURKEY

Product Name:	F7_250PSAw/DAB
Brand Name:	Daiichi
Model Name:	MY250
Series Model:	N/A

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**TEST REPORT CERTIFICATION**

Applicant : Daiichi Elektronik San.ve Tic A.S
Address : Asirefendi caddesi Imar Han No:15 Kat 4 Ataşehir / ISTANBUL / TURKEY
Manufacturer : Guangzhou Lihuan Information Technology Co., Ltd.
Address : No.192 KezhuRoad, Huangpu District, Guangzhou, China
Product Description : F7_250PSAw/DAB
Battery Rating : N/A
Brand Name Daiichi
Model Name : MY250
Product Weight..... 1439.2g
Sample Received Date : 05 May 2022
Date of Issue..... : 12 May 2022
Test Requested : As specified by client, to evaluate the waste in the submitted sample(s) in accordance with WEEE Directive 2012/19/EU. The recovery target meets the requirements of the third stage 2018/8/15.
Product category in WEEE : Category 3
Conclusion : Pass

Testing Engineer :

(Chris Chen)

Technical Manager :

(Sean she)

Authorized Signatory :

(Bovey Yang)





Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	12 May 2022	STS2205023E01	ALL	Initial Issue





1. Assessment Description

1.1. Disassembly, Recovery and Recycling Flow

The product is disassembled into different parts (clumps) and grouped by the type of material sharing common characteristic or physical relationship (waste fractions) primarily based on the treatment requirements as set out in the WEEE directive Annex II, followed by the current state of the art recycling and recovery technology available in Europe. Materials for which currently no recycling technology is available or where the recycling is economically not feasible, or which contain hazardous substances, are assumed to be shredded, incinerated or disposed of to landfill without further use.

Only bigger clumps that can be easily separated and that share a common characteristics or physical relationships are included in the recycling and reuse calculation. Other parts, respectively materials that cannot be separated by e.g. standard tools are classified as either unspecified materials or distributed to the relative waste fraction with highest content of waste which expected with reduced recovery rate.

1.2. Parameters

The calculation is based on waste fractions consisting of a typical material or substance composition for typical materials. (e.g. a power cord consists of copper wire and PVC, where as the PVC consists of a PVC, polyamide and polyester blend). For every waste fraction a theoretical recovery share for recycling and for incineration respectively waste disposal is assumed based on information provide by recycling companies. The recovery share may change over time as the recycling technology advances.



2. EVALUATION RESULTS

2.1. DISASSEMBLED SAMPLE RECYCLABILITY AND RECOVERABILITY

The products submitted are classified as category 3 product under Annex V of WEEE Directive 2012/19/EU.

Result of Reuse /Recycling /Recovery Assessment

Product Name/Type		MY250					
Derivative		Weight(g)	Weight (%)	Re-use (%)/ Recycling (%)	Energy Recovery (%)	Disposal (%)	Recovery(%))
F7_250PSA w/DAB	PCB	292.9	20.35	100	--	--	100
	Battery	0	0	--	60	40	60
	Metal	759	52.74	100	--	--	100
	Mixed parts	100.8	7	80	--	20	80
	Plastic parts	286.5	19.91	100	--	--	100
Total		1439.2	100	98.60	0	1.4	98.60



2.2. HEORETICAL RECOVERY RATE

The reuse and recycling weight and recoverable percentage by weight of the samples:

ITEM NAME	RECOVERY[%]	REUSE + RECYCLING RATE [%]	CONFORMANCE
Result of Assessment	98.6	98.6	PASS
Reuse /Recycling /Recovery Targets under the 2012/19/EU WEEE Directive	75	65	PASS

Note:

- “%” means percentage by weight

2.3. CONFORMITY OF WEEE MARKING(s)

Evaluate the sample according to EU Directive 2012/19/EU

ITEM NO.	REQUIREMENT	EVALUATION RESULT	CONCLUSION
1	Unique Identification of producer provided e.g. by brand name, trade mark, company registration number etc.	Brand name, trade mark was found	Yes
2	Date of manufacturing or date of product release to the market (coded or un-coded test) or indicated by an additional solid bar under the crossed wheel bin	Solid bar was found	Yes
3	Proper dimensions of marking as prescribed in the standard EN50419:2006	Marking was found	Yes
4	The marking shall be accessible, durable, legible and indelible.	Marking is accessible, durable, legible and indelible	Yes
5	Location of marking shall be on : 1) The product or 2) A flag on the fixed supply cord and in the operating instructions and warranty certificates included with the product If none of the above applies then the marking shall be on the packaging	Marking is located on the product	Yes



2.4. WEEE ARTICLE 4-PRODUCT DESIGN

REQUIREMENT	OBSERVATION	CONFORMANCE
Design and production of electrical and electronic equipment which take into account and facilitate dismantling and recovery of the components and material. The design features or manufacturing processes do not prevent the product from being reused.	Different parts can be separated easily.	Yes





Attachment I: Symbol for the marking of electrical and electronic equipment



EUT Photo



*****END OF THE REPORT*****