

MEASUREMENT REPORT
Technical Report No. 68.193.21.140.01
Rev.000
Dated 2021-09-24



Client.....: Imtron GmbH
Wankelstr. 5
85046 Ingolstadt
Germany

Contact person: Mr. Nathan Ma / Mr. Timothy Kwok / Mr. Justin Chan

Supplier.....: Zhejiang Mustang Battery Co., LTD

PO No.: ISY-2115

Subject description: Product: AA Alkaline Battery
Type: IBA-2001

Receipt of Sample: 1 Carton, 2021-09-18

Service Provider: TÜV SÜD Certification and Testing (China) Co., Ltd.

Measurement facility.....: TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12, Zhiheng Wisdomland Business Park, Nantou Checkpoint
Road 2, Nanshan District, 518052, Shenzhen, P. R. China

Service request.....: Evaluate weights and lengths if specified product and document results
in this Measurement Report according to client's specifications

Service specification: Following the Measurement Report template and the actual version of
the associated guideline from the client

Evaluation parameter.....: **All weight in g, one decimal place**
All length in cm, one decimal place

Result: **See page 2 to 3**

This technical report may only be quoted in full. Any use for advertising purposes must be granted in writing. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production.

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Master Data
Export Carton and Giftbox

Brand name	ISY
Model name	IBA-2001
Model description	AA Alkaline Battery
Supplier	See page 1
Energy efficiency category (if applicable)	N/A
Colour	White+Blue

EXPORT CARTON	Length / Depth	Width	Height
Dimensions export carton in cm	31.5	25.0	13.2
Gross weight export carton incl. pieces in gram	12159.8		
Inner carton per export carton	2		
DUN of the export carton	N/A		

INNER CARTON	Length / Depth	Width	Height
Dimensions inner carton in cm	32.0	12.0	11.0
Gross weight inner carton incl. pieces in gram	5949.1		
Pieces per inner carton	12		
DUN on the inner carton	N/A		

GIFTBOX	Length / Depth	Width	Height
Dimensions giftbox in cm	2.9	5.3	17.5
Gross weight giftbox incl. everything in gram	486.6		

PRODUCT	Length / Depth (Länge {SAP} // Tiefe {EU-D})	Width	Height
Dimensions product in cm	1.4	1.4	5.0
Screen size in cm (if applicable)	N/A	N/A	
Net weight product in gram	TOTAL:	476.0	
	Product:	476.0 (20 pcs)	
	User manual, Warranty card, leaflet:	N/A	
	Remote control:	N/A	
	Accessories:	N/A	

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Note regarding product dimensions: (see also Guideline and Example)
Dimensions have to be measured in functional condition. Non-electrical equipment (tubes, jets, ...) and cords (removable and non-removable) may not be considered. Foldable or extendable parts (e.g. antennas) have to be considered in its most compact condition.

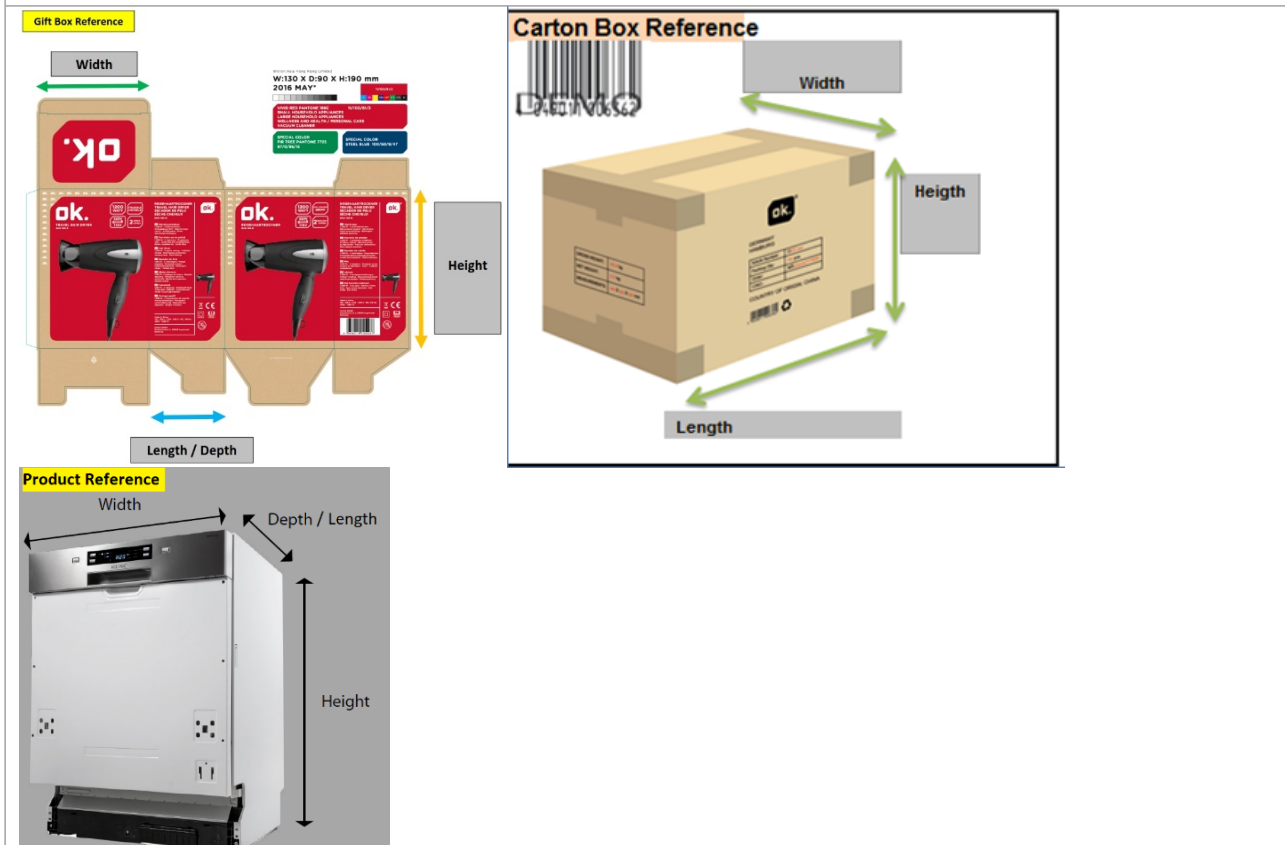
The perspective to measure the product always has to be a view on the front of the product. E.g. for a TV on the panel, for an oven or microwave on the front door, for a radio on the display / the buttons. In case it is not totally clear which side is the front (e.g. water kettle, hair dryer) it has to be documented with pictures which side has which dimensions.

Height, Width and length/depth are defined as follows:
Height: bottom to top
Width: left to right
Length/Depth: front to back

The dimensions have to be measured at its largest expansion (e.g. including handle of microwave).

The dimensions of the export carton and the giftbox have to be measured according to the pictures on the report.
In case the product is not cubiform (e.g. water heater) the dimensions have to be measured at its largest expansion.
The size of the screen has to be measured according to the visible area.

Note regarding product weight:
"Net weight product in gramm", is the weight of the unit in functional condition, which means delivered in basic configuration.
Not included are packaging, documents, additional equipment which consists small electric devices, for example cases, bags.
Batteries are not included if they can be removed in a non-destructive way.



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Battery and Packaging Data

	1 (Product)	2 (equipment)
Battery included (Yes or No)	Yes	No
Rechargeable (Yes or No)	No	N/A
Battery type (according to IEC or ANSI)	LR6	N/A
Chemical components	Zinc-manganese	N/A
Total electric capacity (mAh)	N/A	N/A
Total electric power (Wh)	N/A	N/A
Battery Voltage (V)	1.5	N/A
Battery weight in gram per piece	23.8	N/A
Quantity (cells or packs) in device in pieces	20	N/A

Road & Sea Transport of lithium Batteries

Packed	UN number	Packing instruction/Special Provision	limitations	Max weight or quantity per package	packaging	Labels
N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

Packaging of ONE single piece (Giftbox)

	Weight	Unit
Paper/carton Giftbox + Paper/carton/cardboard inside Giftbox (Do not include export carton, cutting protection cardboard of carton, instruction manual, leaflet, etc.)	10.6	g
Bio plastics	N/A	g
Plastics	N/A	g
Film	N/A	g
Styrofoam	N/A	g
Natural material	N/A	g
Textile	N/A	g
Wood	N/A	g
Carton composite material	N/A	g
Other composite material	N/A	g
Aluminum	N/A	g
Other Metals	N/A	g
Tinplate	N/A	g
Ceramics	N/A	g
Glass	N/A	g
Other materials - details required	N/A	g

Packaging of export carton	Weight	Unit
Paper/carton/cardboard	261.6	g
Plastics	N/A	g
Wood	N/A	g

Packaging of inner carton	Weight	Unit
Paper/carton/cardboard	109.9	g
Plastics	N/A	g
Wood	N/A	g

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Product Service

PO number	ISY-2115
SAP-Article no.	Not specified
EAN	4049011144750

Remarks:
Nil.

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
TÜV SÜD Group

Tested by:

A handwritten signature in black ink that reads 'Hugo Chen'.

Hugo Chen
Project handler

Reviewed by:

A handwritten signature in black ink that reads 'Ryan Chan'.

Ryan Chan
Project Reviewer

Appendix – Detail Photos



Export carton - outside (12159.8 g)



Export carton – inside



Export carton - paper/carton/cardboard (261.6 g)



Inner carton - outside (5949.1 g)



Inner carton – inside



Inner carton - paper/carton/cardboard (109.9 g)

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Product Service



Gift box - outside (gross weight: 486.6 g)



Parts in gift box



Product (net weight: 476.0 g)



Giftbox- paper/carton/cardboard (10.6 g)

Equipment list:

Equipment name	Model of equipment	Equipment ID
Electronic scale	UWA-060	68-1-47-02-001
Electronic balance	JS-06A	68-1-47-08-004
Electronic balance	ALB-224	68-2-47-10-004