

Certificate



Prüfbescheinigung nach dem Produktsicherheitsgesetz

Test Certificate in compliance with the Product Safety Law

Bescheinigungs-Nr. (Certificate No.): 16HZH0696-01

Das Produkt entspricht den Anforderungen des Produktsicherheitsgesetzes (ProdSG) § 21 (1) hinsichtlich der Gewährleistung von Sicherheit und Gesundheit und entspricht den derzeit anerkannten Regeln der Technik.

(The product is in compliance with the judicial requirements of the Product Safety Law (ProdSG) § 21 (1) and the currently accepted rules of technology.)

Die Kennzeichnungspflichten des Produktes gemäß §6 ProdSG sind einzuhalten.

(The marking requirements of the product based on §6 ProdSG have to be observed.)

Bescheinigungsinhaber (Certificate Holder)
Ningbo Yutong Electric Appliance Co., Ltd.
Hudi Village, Linshan Town
Yuyao City, Zhejiang
P. R. China

Markenname (Brandname)

Fertigungsstätte (Manufacturing Site)
Ningbo Jintong Electric Appliance Co., Ltd.
Hudi Village, Linshan Town
Yuyao City, Zhejiang
P. R. China

Produkt (Product)
Eiszeuger für den Hausgebrauch
Ice maker for household use

Typbezeichnung (Type)
YT-E-006xyz, YT-E-007xyz, (x=A,B; y=A,B; z=1,Leer/blank)

Beschreibung (Description)
220-240V~, 50Hz, 1,3A, R600a/30g, Klimaklasse (Climatic class): SN/N/ST/T,
Isolationsgas (Blowing gas): C₆H₁₀, Schutzklasse I (Class I)

Prüfbericht-Nr. (Test Report No.)
160100142HZH-001:2016-05-10
160100142HZH-EMF1:2016-05-09
Einzelheiten siehe Anhang (Details see attachment)

Geprüft nach (Tested according to)
EN 62233:2008
EN 60335-2-24:2010
EN 60335-1:2012+AC:14+A11:14
PAK-Anforderung für GS (PAH requirement for GS) AfPS GS 2014:01 PAK

Gültig bis (valid until)
2021-05-24
Erstellt am (Issued on)
2016-05-25



Intertek Deutschland GmbH
M.Sc. Qiao Qiao

Dem Zertifikat liegen die Allgemeinen Geschäftsbedingungen der Intertek Deutschland GmbH zu Grunde. Bitte beachten Sie die umseitigen Hinweise.
The General Business Conditions of Intertek Deutschland GmbH is an integral part of this certificate. Please also refer to the information overleaf.

Intertek Deutschland GmbH, Stangenstraße 1, 70771 Leinfelden-Echterdingen

Sitz Leinfelden-Echterdingen, Registergericht Stuttgart, HRB Nr. 225262, Geschäftsführer: Jan-Jörg Müller-Seiler
Tel.: +49 711 27311-0, Fax: +49 711 27311-559, E-Mail: gs@intertek.com, web: www.intertek.de/directory

Constructional Data Form (CDF)

<i>Certificate Holder:</i>	Ningbo Yutong Electric Appliance Co., Ltd. Hudi Village, Linshan Town Yuyao City, Zhejiang P. R. China
<i>Manufacturing Site:</i>	Ningbo Jintong Electric Appliance Co., Ltd. Hudi Village, Linshan Town Yuyao City, Zhejiang P. R. China
<i>Product: (in German)</i>	Eisergezeuger für den Hausgebrauch
<i>Product: (in English)</i>	Ice maker for household use
<i>Type:</i>	YT-E-006xyz, YT-E-007xyz, (x=A,B; y=A,B; z=1,blank)
<i>Brandname:</i>	---
<i>Description:</i>	220-240V~, 50Hz, 1,3A, R600a/30g, Climatic class: SN/N/ST/T, Blowing gas: C ₅ H ₁₀ , Class I
<i>Test Report No.:</i>	160100142HZH-001:2016-05-10 160100142HZH-EMF1:2016-05-09
<i>Tested according to:</i>	EN 62233:2008 EN 60335-2-24:2010 EN 60335-1:2012+AC:14+A11:14 PAK-Anforderung für GS (PAH requirement for GS) AfPS GS 2014:01 PAK
<i>Valid until:</i>	2021-05-24
<i>Issued on:</i>	2016-05-25

Product Information:

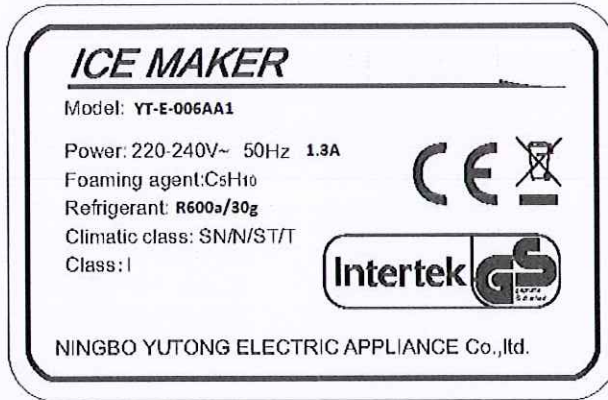
General product information

The appliances in this report are compressor type automatic ice makers, which is portable and for household use and only filled with or connected to potable water. They all use flammable refrigerant R600a.
YT-E-006xyz series are similar with YT-E-007xyz series except that YT-E-006xyz series have step motor and micro switch.



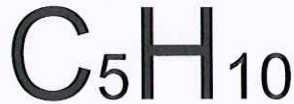
Copy of marking plate

(representative)



Remark: the labels of other models are same except for model name.

When the equipment is vended to EU, then name and address of the importer or authorized representative within the EEA shall be added on the equipment.



Insulation Blowing Gas



Warning; Risk of fire / flammable materials

Product Pictures

YT-E-006AA1 & YT-E-006AA & YT-E-007AA1 & YT-E-007AA



YT-E-006AB1 & YT-E-006AB & YT-E-007AB1 & YT-E-007AB



YT-E-006BA1 & YT-E-006BA & YT-E-007BA1 & YT-E-007BA



YT-E-006BB1 & YT-E-006BB & YT-E-007BB1 & YT-E-007BB



Attachment to Certificate No.: 16HZH0696-01

List of Critical Components

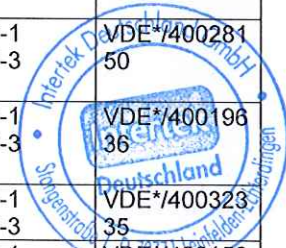
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Power plug	Ningbo jintao Electrical Co.,Ltd.	TS03	AC250V,16A	VDE 0620-1 DIN 49441-R2	VDE*/400141 74
alternative	Ningbo Qiaopu Electric Co.,Ltd.	D04	AC250V,16A	VDE 0620-1 DIN 49441-R2	VDE*/400034 88
alternative	Friendship Enterprises International Ltd.	FE-03P	AC250V,16A	VDE 0620-1 DIN 49441-R2	VDE*/400129 26
alternative	NINGBO XUANHUA ELECTRIC CO.LTD.	XH-03	AC250V,16A	VDE 0620-1 DIN 49441-R2	VDE*/400196 91
alternative	Shangyu Jintao Electron Co.,Ltd.	JT003	AC250V,16A	VDE 0620-1 DIN 49441-R2	VDE*/400212 86
alternative	Shangyu Jintao Electron Co.,Ltd.	JT003-B	AC250V,16A	VDE 0620-1 DIN 49441-R2	VDE*/400222 44
alternative	Ningbo Ousheng Electric Appliance Co.,Ltd.	S03	AC250V,16A	VDE 0620-1 DIN 49441-R2	VDE*/400237 63
alternative	Ningbo Xuanshi Electronics Co.,Ltd.	JL-3	AC250V,16A	VDE 0620-1 DIN 49441-R2	VDE*/400059 09
Power cord	Ningbo Qiaopu Electric Co.,Ltd.	H05VV-F	3G0,75mm ²	VDE 0281-5	VDE*/400359 76
alternative	Ningbo jintao Electrical Co.,Ltd.	H05VV-F	3G0,75mm ²	VDE 0281-5	VDE*/400245 17
alternative	Ningbo Light-Heavy Electronics Technology Co.,Ltd.	H05VV-F	3G0,75mm ²	VDE 0281-5	VDE*/400351 66
alternative	Yuyao Jingyi Electronics Co.,Ltd.	H05VV-F	3G0,75mm ²	VDE 0281-5	VDE*/400251 90
alternative	Ningbo Huashun Electronics Co.,Ltd.	H05VV-F	3G0,75mm ²	VDE 0281-5	VDE*/136939
alternative	NINGBO XUANHUA ELECTRIC CO.LTD.	H05VV-F	3G0,75mm ²	VDE 0281-5	VDE*/400165 31
alternative	Shangyu Jintao Electron Co.,Ltd.	H05VV-F	3G0,75mm ²	VDE 0281-5	VDE*/400134 19
alternative	Ningbo Ousheng Electric Appliance Co.,Ltd.	H05VV-F	3G0,75mm ²	VDE 0281-5	VDE*/400211 37
alternative	Yuyao Yuxiang Electric Appliances Co.,Ltd.	H05VV-F	3G0,75mm ²	VDE 0281-5	VDE*/400053 61
alternative	Ningbo Xuanshi Electronics Co.,Ltd.	H05VV-F	3G0,75mm ²	VDE 0281-5	VDE*/400117 61
alternative	Ningbo Liangsheng Wire & Cable Co.,Ltd.	H05VV-F	3G0,75mm ²	VDE 0281-5	VDE*/400220 54
alternative	Ningbo Jinjin Electric Co.,Ltd.	H05VV-F	3G0,75mm ²	VDE 0281-5	VDE*/400334 07
alternative	Ningbo Yuxin Electrical Appliance Co.,Ltd.	H05VV-F	3G0,75mm ²	VDE 0281-5	VDE*/400107 86
Internal wire	XINGDA ELECTRONICS WIRE & CABLE CO LTD	1015	600V, 105°C, 20AWG (UL E187208)	EN 60335-1 EN 60335-2-24	Tested with appliance
alternative	Zhongshan Nantou Boyu Wire MFR	1015	600V, 105°C, 20AWG (UL E314089)	EN 60335-1 EN 60335-2-24	Tested with appliance
alternative	Zhongshan Ctiy Senbao Electric Co., Ltd	1015	600V, 105°C, 20AWG (UL E199818)	EN 60335-1 EN 60335-2-24	Tested with appliance
alternative	Wenzhou Hu Tai Electric Wire & Cable Co.,Ltd	1015	600V, 105°C, 20AWG (UL E238824)	EN 60335-1 EN 60335-2-24	Tested with appliance
alternative	Ningbo Qiaopu Electric Co.,Ltd.	H03VVH2-F	2×0.75mm ²	VDE 0281-5	VDE*/400359 76
alternative	Ningbo Light-Heavy Electronics Technology Co.,Ltd.	H03VVH2-F	2×0.75mm ²	VDE 0281-5	VDE*/400351 66

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Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
alternative	Shangyu Jintao Electron Co.,Ltd.	H03VVH2-F	2×0.75mm ²	VDE 0281-5	VDE*/400134 19
alternative	Ningbo Ousheng Electric Appliance Co.,Ltd.	H03VVH2-F	2×0.75mm ²	VDE 0281-5	VDE*/400211 37
alternative	Yuyao Yuxiang Electric Appliances Co.,Ltd.	H03VVH2-F	2×0.75mm ²	VDE 0281-5	VDE*/400053 61
alternative	Ningbo Liangsheng Wire & Cable Co.,Ltd.	H03VVH2-F	2×0.75mm ²	VDE 0281-5	VDE*/400220 54
alternative	Ningbo Jinjin Electric Co., Ltd.	H03VVH2-F	2×0.75mm ²	VDE 0281-5	VDE*/400334 07
alternative	Ningbo Yuxin Electric Appliance Co.,Ltd.	H03VVH2-F	2×0.75mm ²	VDE 0281-5	VDE*/400107 86
Compressor	Hangzhou Qianjiang Refridgeration Group Co., Ltd.	QD75Y	AC220-240V, 50Hz, R600a, Class I	EN 60335-1 EN 60335-2-34	VDE*/400189 42
Fan motor	Ningbo Jintong Electric Appliance Co.,Ltd.	YT1025K	DC12V Class120	EN 60335-1 EN 60335-2-24	Tested with appliance
alternative	Yate Loon Electronics Co., Ltd.	D12SM-12	DC12V Class120	EN 60335-1 EN 60335-2-24	Tested with appliance
Synchronous Motor (for YT-E-006 series)	Wuxi Dexun Fuda Motor Co.,Ltd.	50TYZ-E	AC220-240V, 50/60Hz, 3,5/3W, Class 120	EN 60335-1 EN 60335-2-40	TÜV*/R 09759242
alternative	Cixi Longshan Dayan Motor Factory	49TYJ	AC220-240V, 50/60Hz, 4W, Class 120	EN 60335-1	VDE*/400247 65
Switch for synchronous motor (for YT-E-006 series)	Zhongxun Electronics Industry Company.	KW11-3Z	AV250V, 50Hz, 5A, 5E4, T85	EN 61058-1	TÜV*/R 50058511
Electromagnetic valve	Chang EFT Electric Appliance Co.,Ltd	DTF-1-2A	220-240VAC, 50/60Hz, 6W, Max. 3,0Mpa, 10E4, Class 120	EN 60730-1	TÜV*/R 50144685
alternative	Changzhou Lusi Electrical Appliance Co., Ltd.	DTF-2	AC220-240V, 50/60Hz,10E4, 2,1Mpa, Class 120	EN 60730-1	TUV*/R 50073186
Water pump	Ningbo Jintong Electric Appliance Co.,Ltd.	BL-DC201	DC12V, Class120	EN 60335-1 EN 60335-2-24	Tested with appliance
Transformer	Ningbo Jintong Electric Appliance Co.,Ltd.	EF20	Output: 12V/1A, Class 120	EN 60335-1 EN 60335-2-24	Tested with appliance
Y capacitor	Jyh Chung Electronic Co., Ltd.	JY	AC300V, 2200pF, 40/085/21	IEC 60384-14	VDE*/123326
alternative	Jyh Chung Electronic Co., Ltd.	JD	AC 400V, 2200pF, 40/085/21	IEC 60384-14	VDE*/137027
alternative	JYA-NAY Co.,Ltd.	JN	AC 250V, 2200pF, 25/125/21	IEC 60384-14	TÜV*/R 50232059
Optocoupler	Everlight Electronics Co., Ltd.	EL817	850V,T100	DIN VDE 0884	VDE*/132249
alternative	Bright Led Electronics Corp.	BPC 817 C	850V,T100	EN60747-5-2	VDE*/400072 40
PCB	KINGBOARD LAMINATES HOLDINGS LTD	KB-6160A (FR-4)	130°C, 1,4mm, thickness, UL94 V-0 (UL E123995)	EN 60335-1 EN 60335-2-24	Tested with appliance
alternative	SHANDONG JINBO ELECTRONICS CO LTD	ZD-95(G)F	130°C, 1,4mm thickness, UL94 V-0 (UL E141940)	EN 60335-1 EN 60335-2-24	Tested with appliance

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Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
alternative	HANGZHOU LIANSHENG INSULATION CO LTD	LS1130 (FR-4)	130°C, 1,4mm thickness, UL94 V-0 (UL E315523)	EN 60335-1 EN 60335-2-24	Tested with appliance
alternative	INTERNATIONAL LAMINATE MATERIAL LTD	ILM-R1(FR- 4)	130°C, 1,4mm thickness, UL94 V-0 (UL E134893)	EN 60335-1 EN 60335-2-24	Tested with appliance
X2 Capacitor	Aid Electronic Corporation	MEX	275VAC, X2, 0,1uF, 40/85/21/C	EN 60384-14	VDE*/400289 73
alternative	Jiangsu Xinghua Huayu EElectronics Co.,Ltd.	MPX-series	275VAC, X2, 0,1uF, 40/100/21/C	EN 60384-14	VDE*/400224 17
alternative	Tenta Eletric Industrial Co.,Ltd.	MEX	275VAC, X2, 0,1uF, 40/100/21/C	EN 60384-14	VDE*/119119
alternative	Liow Gu EElectronics Industry Co.,Ltd.	GS-L	275VAC, X2, 0,1uF, 40/100/21/C	EN 60384-14	VDE*/101345
alternative	Dain EElectronics CO.,Ltd.	MPX	275VAC, X2, 0,1uF 40/110/21/C	EN 60384-14	VDE*/400187 98
alternative	Changzhou Changjie Technology Co., Ltd.	CIS	275VAC, X2, 0,1uF 40/085/21/C	EN 60384-14	VDE*/400194 28
Relay	Xiamen Hongfa Electroacoustic Co.,Ltd.	HF-32F012- HS, JZC-32F	250VAC, 5A, 12VDC, 10E4, T70	EN 61810-1	VDE*/400122 04
alternative	Ningbo Jintian Relay Co., Ltd.	JT32F 012- HS	250VAC, 5A, 12VDC, 10E4, T70	EN 60730-1	TÜV*/R 50134939
Varistor	Lien Shun Electronics Co., Ltd.	10D471K	25A , max.peak current:3500A, max . 680VAC, T85	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE*/400058 58
alternative	Kunshan Micro Capacitors Electronic Co., Ltd.	10D471K	5A , max.peak current:3500A, max . 680VAC, T85	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE*/400299 01
alternative	Chengdu Tieda Electronic Co.,Ltd.	MYN12- 471K	25A , max.peak current:3500A, max . 550VAC, T85	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE*/400085 71
alternative	Guangdong Foshan Kestar Electronic Co.,Ltd.	MYG10-471	25A , max.peak current:3500A, max . 550VAC, T85	IEC 61051-1 IEC 61051-2 IEC 61051-2-2	VDE*/400056 16
Fuse	Dongguan Hongda Electronic Technology Co., Ltd.	31TC	250V~, 2A , 3.6×10mm, TL	EN 60127-1 EN 60127-3	VDE*/400281 50
alternative	XC Electronics(Shen Zhen) Corp, Ltd.	3F-Serie(s)	250V~, 2A , 3.6×10mm, quick- acting	EN 60127-1 EN 60127-3	VDE*/400196 36
alternative	Dongguan Dawei Metal Electron Co.,Ltd	3F-Serie(s)	250V~, 2A , 3.6×10mm, TL	EN 60127-1 EN 60127-3	VDE*/400323 35
alternative	Chi Lick Schurter Limited.	SPT 3,6 x 10mm	250V~, 2A , 3.6×10mm, TL	EN 60127-1 EN 60127-3	VDE*/400152 28
alternative	Shengzhen Lanson Electronics Co. Ltd.	Series 3JFxxx250V	250V~, 2A , 3.6×10mm, TL	EN 60127-1 EN 60127-3	VDE*/400093 01
alternative	Dongguan Reomax Electronics Co., Ltd.	TBP	250V~, 2A , 3.6×10mm, TL	EN 60127-1 EN 60127-3	VDE*/400320 53



Attachment to Certificate No.: 16HZH0696-01

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
alternative	Dongguan Reomax Electronics Co., Ltd.	FBP	250V~, 2A , 3.6×10mm, quick-acting	EN 60127-1 EN 60127-3	VDE*/400345 81
PCB box	FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV	ABS/PC (AC3000)	ABS/PC, min thickness: 2mm (UL E162823)	EN 60335-1 EN 60335-2-24	Tested with appliance
Inlet valve	Zhejiang Kebo Electrical Appliances Co., Ltd.	FPD-180L1-DC24V	DC24V, 210mA	EN 60730-2-8 EN 60730-1	TÜV*/R 50254591
Plastic Enclosure	ZHENJIANG CHIMEICAL CO.,LTD	PA-757(+)	ABS, min thickness: 2mm (UL E56070)	EN 60335-1 EN 60335-2-24	Tested with appliance
alternative	ZHENJIANG CHIMEICAL CO.,LTD	757	ABS, min thickness: 2mm	EN 60335-1 EN 60335-2-24	Tested with appliance
Metal Enclosure	Ningbo Jintong Electric Appliance Co., Ltd.	--	Steel, min thickness: 0,6mm	EN 60335-1 EN 60335-2-24	Tested with appliance
Hose set	RE-FLEX S.r.L	6R105	PVC+NBR	IEC 61770	VDE*/400062 07
alternative	Zhejiang Dongyang Yidan Electron Make Co., Ltd.	XG	PVC	IEC 61770	VDE*/400188 50
alternative	Zhejiang Pan'an Jiangshan Xinxing Plastic	XIN-6709-002A	PVC Pipe	IEC 61770	VDE*/400205 60
Heat Shrinkage tube	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	RSFR-H	600V; 125°C (UL E203950)	EN 60335-1 EN 60335-2-24	Tested with appliance
alternative	DONGGUAN SALIPT CO LTD	SALIPT S-901-600	600V; 125°C (UL E209436)	EN 60335-1 EN 60335-2-24	Tested with appliance
alternative	SHENZHEN YITONGDA PYROCONDENSATION MATERIAL CO LTD	DLK-1	600V; 125°C (UL E239589)	EN 60335-1 EN 60335-2-24	Tested with appliance

¹⁾ An asterisk indicates a mark which assures the agreed level of surveillance.
²⁾ All PAHS parts refer to PAH evaluation report 160100142HZH-001-PAH

Modification Summary

The following changes have been made to this CDF:

Date	Local Project no.	Description of Change
None	None	None

Signed

M.Sc. Qiao Qiao



Date 2016-05-25