

Ningbo Baogong Electrical Appliance  
Co., Ltd.

Date : 25.08.2022  
Our ref. : LC ZC10  
Your ref.:

Fuhai Industrial Zone, Cixi  
Ningbo  
315332 Zhejiang  
P.R. China

**Ref : AE Certificate of Conformity EMC**

Type of Equipment : Diesel Oil / Kerosene Fan Heater  
Model Designation : See Certificate  
Certificate No. : AE 50556270 0001  
Report No. : 50286924 004

Dear Ladies and Gentlemen,

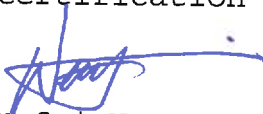
We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body

  
Yafei Wang

Enclosure

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

**C E R T I F I C A T E**  
of Conformity  
EC Council Directive 2014/30/EU  
Electromagnetic Compatibility

Registration No.: AE 50556270 0001

Report No.: 50286924 004

Holder: **Ningbo Baogong Electrical  
Appliance Co., Ltd.**  
Fuhai Industrial Zone, Cixi  
Ningbo  
315332 Zhejiang  
P.R. China

Product: **Fan Heater**  
(Diesel Oil / Kerosene Fan Heater)

Identification: BGO1401-30 BGO1401-20 BGO1601-10 BGO1601-20  
BGO1601-30 BGO1601-50 BGO-20C BGO-20A  
BGO-30A BGO-50A BGO-70A BGO-30B  
BGO-50B BGO-20C-1 BGO-30C-1 BGO1601-60  
Serial No.: n.a.  
Remark: Refer to test report 50286924 004 for details.

Tested acc. to: EN IEC 55014-1:2021  
EN IEC 55014-2:2021  
EN IEC 61000-3-2:2019+A1  
EN 61000-3-3:2013+A1+A2

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2014/30/EU. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Date 25.08.2022



Certification Body



Yafei Wang

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

<b>Prüfbericht-Nr.:</b> <i>Test report no.:</i>	<b>50286924 004</b>	<b>Auftrags-Nr.:</b> <i>Order no.:</i>	180239987	Seite 1 von 2 Page 1 of 2
<b>Kunden-Referenz-Nr.:</b> <i>Client reference no.:</i>	N/A	<b>Auftragsdatum:</b> <i>Order date:</i>	2022.07.28	
<b>Auftraggeber:</b> <i>Client:</i>	Ningbo Baogong Electrical Appliance Co., Ltd. Fuhai Industrial Zone, Cixi, Ningbo 315332 Zhejiang P.R. China			
<b>Prüfgegenstand:</b> <i>Test item:</i>	Diesel Oil / Kerosene Fan Heater			
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type no.:</i>	Refer to next page			
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	TÜV Rheinland – EMC Service			
<b>Prüfgrundlage:</b> <i>Test specification:</i>	<b>EN IEC 55014-1:2021</b> <b>EN IEC 55014-2:2021</b> <b>EN 61000-3-3:2013+A1+A2</b> <b>EN IEC 61000-3-2:2019+A1</b>			
<b>Wareneingangsdatum:</b> <i>Date of sample receipt:</i>	2022.08.16			
<b>Prüfmuster-Nr.:</b> <i>Test sample no.:</i>	180239987			
<b>Prüfzeitraum:</b> <i>Testing period:</i>	2022.08.18			
<b>Ort der Prüfung:</b> <i>Place of testing:</i>	TÜV Rheinland / CCIC (Ningbo) Co., Ltd.			
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>	TÜV Rheinland / CCIC (Ningbo) Co., Ltd.			
<b>Prüfergebnis*:</b> <i>Test result*:</i>	Pass			
<b>geprüft von:</b> <i>tested by:</i>		<b>genehmigt von:</b> <i>authorized by:</i>		
<b>Datum:</b> <i>Date:</i>	2022.08.22	<b>Ausstelldatum:</b> <i>Issue date:</i>	2022.08.22	
<b>Stellung / Position:</b>	Carrie Lei/PE	<b>Stellung / Position:</b>	Tracy Zhang/TC	
<b>Sonstiges / Other:</b>	Refer to page 2 for further information.			
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
<b>* Legende:</b>	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut 3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar	5 = mangelhaft N/T = nicht getestet
<b>* Legend:</b>	1 = very good P(ass) = passed a.m. test specification(s)	2 = good 3 = satisfactory F(ail) = failed a.m. test specification(s)	4 = sufficient N/A = not applicable	5 = poor N/T = not tested
<p><b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b>  <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p>				

V05


Model List:

No.	Model name	Electrical Input	Rated power
1	BGO-20C	AC 220-240V, 50Hz	230W
2	BGO1401-30		230W
3	BGO1401-20		230W
4	BGO1601-10		186W
5	BGO1601-20		230W
6	BGO1601-30		230W
7	BGO1601-50		340W
8	BGO-20A		230W
9	BGO-30A		230W
10	BGO-50A		340W
11	BGO-70A		430W
12	BGO-30B		340W
13	BGO-50B		900W
14	BGO-20C-1		230W
15	BGO-30C-1		340W
16	BGO1601-60		340W

Other aspects:

1. Models from No.1-No.13 have been EMC approved in the test reports 50286924 001-003.
2. In this report, change the test item from “Oil Heater” to “Diesel Oil / Kerosene Fan Heater” and dd models BGO-20C-1, BGO-30C-1 & BGO1601-60.
3. In electrical characteristics, added models BGO-20C-1, BGO-30C-1 and BGO1601-60 are same to original models BGO-20C, BGO-30B and BGO1601-50 respectively except model name.
4. The standard EN 61000-3-3:2013+A1 has been updated to EN 61000-3-3:2013+A1+A2.
5. The samples have been received and checked. According to the contents of update, no additional test is needed.
6. Therefore all models are deemed to fulfil the requirements of the standards listed page 1 without additional tests.
7. This test report is valid with test reports 50286924 001-003.

-- The END --

<b>Test report no.:</b> <i>Prüfbericht-Nr.:</i>	<b>50350226 007</b>	<b>Order No.:</b> <i>Auftragsnr.:</i>	180266794	<b>Page 1 of 14</b> <i>Seite 1 von 14</i>
<b>Client reference no.:</b> <i>Kunden-Referenz-Nr.:</i>	N/A	<b>Order date:</b> <i>Auftragsdatum:</i>	2023-07-07	
<b>Client:</b> <i>Auftraggeber:</i>	Ningbo Baogong Electrical Appliance Co., Ltd. Fuhai Industrial Zone, Cixi, Ningbo, Zhejiang 315332, P.R. China			
<b>Test item:</b> <i>Prüfgegenstand:</i>	Diesel oil/kerosene fan heater			
<b>Identification / Type no.:</b> <i>Bezeichnung / Typ-Nr.:</i>	See page 4			
<b>Order content:</b> <i>Auftrags-Inhalt:</i>	Type Test			
<b>Test specification</b> <i>Prüfgrundlage:</i>	EN 60335-1:2012+A11+A13+A1+A14+A2+A15 EN 60335-2-102:2016 EN 62233:2008			
<b>Date of sample receipt:</b> <i>Wareneingangsdatum:</i>	2023-07-08			
<b>Test sample no.:</b> <i>Prüfmuster-Nr.:</i>	A003483547			
<b>Testing period:</b> <i>Prüfzeitraum:</i>	2023-07-08 - 2023-07-09			
<b>Place of testing:</b> <i>Ort der Prüfung:</i>	TÜV Rheinland /CCIC (Ningbo) Co., Ltd			
<b>Testing laboratory:</b> <i>Prüflaboratorium:</i>	TÜV Rheinland /CCIC (Ningbo) Co., Ltd			
<b>Test result*:</b> <i>Prüfergebnis*:</i>	Pass			
<b>tested by:</b> Lien Xie <i>geprüft von:</i>	<b>authorized by:</b> Weimin Zhang <i>genehmigt von:</i>			
<b>Date:</b> 2023-07-17 <i>Datum:</i>	<i>Lien Xie</i>		<b>Issue date:</b> 2023-07-17 <i>Ausstellungsdatum:</i>	<i>Weimin Zhang</i>
<b>Position / Stellung:</b>	PE	<b>Position / Stellung:</b>	Authorizer	
<b>Other:</b> <i>Sonstiges:</i>	1. Update standards. 2. Add alternative components listed in table 24.1.			
<b>Condition of the test item at delivery:</b> <i>Zustand des Prüfgegenstandes bei Anlieferung:</i>	Test item complete and undamaged Prüfmuster vollständig und unbeschädigt			
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
<b>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</b> <i>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</i>				

v05

Test report no.: 50350226 007  
Prüfbericht-Nr.:

Page 2 of 14  
Seite 2 von 14

**Remarks**  
*Anmerkungen*

1	<p>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</p> <p><i>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.</i></p> <p><i>Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</i></p>
2	<p>As contractually agreed, this document has been signed digitally only. TÜV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TÜV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged.</p> <p><i>Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben.</i></p>
3	<p>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report. Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</p> <p><i>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</i></p>
4	<p>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</p> <p><i>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezueglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</i></p>

<b>TEST REPORT</b> <b>IEC 60335-2-102</b> <b>Safety of household and similar electrical appliances</b> <b>Part 2: Particular requirements for gas, oil and solid-fuel burning</b> <b>appliances having electrical connections</b>	
<b>Report Number</b> .....	See cover page
<b>Date of issue</b> .....	See cover page
<b>Total number of pages</b> .....	See cover page
<b>Name of Testing Laboratory preparing the Report</b> .....	TÜV Rheinland /CCIC (Ningbo) Co., Ltd.
<b>Applicant's name</b> .....	Ningbo Baogong Electrical Appliance Co., Ltd.
<b>Address</b> .....	Fuhai Industrial Zone, Cixi, Ningbo, Zhejiang 315332, P.R. China
<b>Test specification:</b>	
<b>Standard</b> .....	IEC 60335-2-102:2004, AMD1:2008, AMD2:2012 in conjunction with IEC 60335-1:2010, AMD1:2013, AMD2:2016
<b>Test procedure</b> .....	Test report
<b>Non-standard test method</b> .....	N/A
<b>Test Report Form No.</b> .....	IEC60335_2_102F
<b>Test Report Form(s) Originator</b> ....	IMQ S.p.A.
<b>Master TRF</b> .....	Dated 2017-09
<b>Copyright © 2017 IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System). All rights reserved.</b> This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECEE is acknowledged as copyright owner and source of the material. IECEE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context. If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed. <b>This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.</b>	
<b>General disclaimer:</b>	
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.	

<b>Test item description</b> .....	Diesel oil/kerosene fan heater
<b>Trade Mark</b> .....	N/A
<b>Manufacturer</b> .....	Same as applicant
<b>Model/Type reference</b> .....	BGO1601-10, BGO1601-20, BGO1601-30, BGO1601-50; BGO1401-30, BGO1401-20, BGO-20C; BGO-20A, BGO-30A, BGO-50A, BGO-70A, BGO-30B, BGO-50B; BGO1601-60; BGO-20C-1, BGO-30C-1
<b>Ratings</b> .....	AC 220-240V, 50Hz, IPX4, Class I; 186W: BGO1601-10; 230W: BGO1601-20, BGO1601-30, BGO1401-30, BGO1401-20, BGO-20C, BGO-20A, BGO-30A; BGO-20C-1 340W: BGO1601-50, BGO-50A; BGO1601-60 340W: BGO-30B; BGO-30C-1 430W: BGO-70A; 900W: BGO-50B

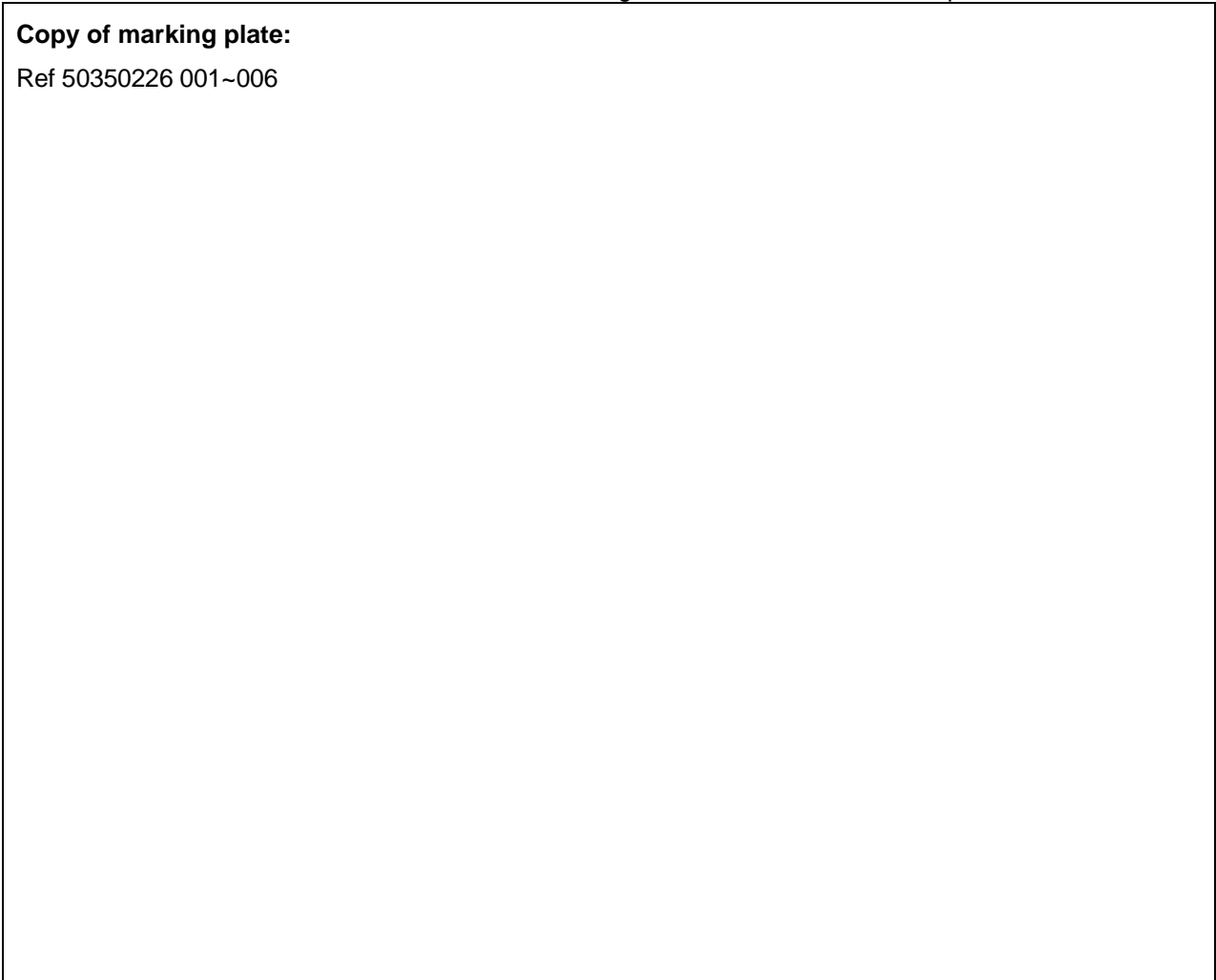


<b>Testing procedure and testing location:</b>		
<input checked="" type="checkbox"/>	<b>Testing Laboratory:</b>	TÜV Rheinland /CCIC (Ningbo) Co., Ltd.
<b>Testing location/ address .....</b>		3F, Building C13, R&D Park, No.32 , Lane 299 Guanghua Road, National Hi-Tech Zone, Ningbo, 315048, P. R. China
<b>Tested by (name + signature).....</b>		See cover page
<b>Approved by (name + signature) .....</b>		See cover page
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 1:</b>	
<b>Testing location/ address .....</b>		
<b>Tested by (name + signature).....</b>		
<b>Approved by (name + signature) .....</b>		
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 2:</b>	
<b>Testing location/ address .....</b>		
<b>Tested by (name + signature).....</b>		
<b>Witnessed by (name + signature) .....</b>		
<b>Approved by (name + signature) .....</b>		
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 3:</b>	
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 4:</b>	
<b>Testing location/ address .....</b>		
<b>Tested by (name + signature).....</b>		
<b>Witnessed by (name + signature) .....</b>		
<b>Approved by (name + signature) .....</b>		
<b>Supervised by (name + signature).....</b>		

<b>List of Attachments (including a total number of pages in each attachment):</b> N/A	
<b>Summary of testing: Pass</b>	
<b>Tests performed (name of test and test clause):</b> New alternative motor lead wire were subjected to clause 23.5.	<b>Testing location:</b> TÜV Rheinland /CCIC (Ningbo) Co., Ltd. 3F, Building C13, R&D Park, No.32 , Lane 299 Guanghua Road, National Hi-Tech Zone, Ningbo, 315048, P. R. China
<b>Summary of compliance with National Differences:</b> <b>List of countries addressed</b> <b>EU Group Differences</b> <input checked="" type="checkbox"/> <b>The product fulfils the requirements of EN 60335-1: 2012+A11+A13+A1+A14+A2+A15, EN 60335-2-102: 2016, EN 62233: 2008</b>	

**Copy of marking plate:**

Ref 50350226 001~006



<b>Test item particulars</b> .....							
<b>Classification of installation and use</b> .....: Stationary appliance							
<b>Supply Connection</b> .....: Supply cord fitted with a plug(type Y attachment) .....:							
<b>Possible test case verdicts:</b>							
- test case does not apply to the test object.....: N/A							
- test object does meet the requirement .....: P (Pass)							
- test object does not meet the requirement.....: F (Fail)							
<b>Testing</b> .....							
<b>Date of receipt of test item</b> .....: See cover page							
<b>Date (s) of performance of tests</b> .....: See cover page							
<b>General remarks:</b>							
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.							
<b>Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</b>							
<b>Manufacturer's Declaration per sub-clause 4.2.5 of IEC 02:</b>							
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided .....					<input type="checkbox"/> <b>Yes</b> <input checked="" type="checkbox"/> <b>Not applicable</b>		
<b>When differences exist; they shall be identified in the General product information section.</b>							
<b>Name and address of factory (ies)</b> .....: Same as applicant							
<b>General product information:</b>							
The appliance are heaters heated by burning kerosene or diesel oil. BGO1601-20 is totally same as BGO1601-30 only except the different heat input. BGO1601-10 is totally same as BGO1601-30 only except the different heat input and motor. BGO1401-20 and BGO1401-20 are same except different motor. BGO1402-30 and BGO-20C are same except different over view and over size and control circuit. BGO-20A, BGO-30A, BGO-50A, BGO-70A have the same construction, with different dimension, burning rate and motor power. BGO-30B based on model BGO-30A, BGO-50B based on model BGO-50A.							
Model	BGO1601-10	BGO1601-20	BGO1601-30	BGO1601-50	BGO1401-30	BGO1401-20	BGO-20C
Electrical input	AC220-240V 50Hz Class I IPX4						
Heat output	10KW	20KW	30KW	50KW	30KW	20KW	20KW
Motor power	186W	230W	230W	340W	230W	230W	230W
Motor	BG-70-X	YD-8050	YD-8050	BG-150-X	YD-8050	YD-8040	YD8050
Motor class	155	130	130	130	130	130	130

Model	BGO-20A	BGO-30A	BGO-50A	BGO-70A	BGO-30B	BGO-50B	
Electrical input	AC220-240V 50Hz Class I IPX4						
Heat output	20KW	30KW	50KW	70KW	30KW	50KW	
Motor power	230W	230W	340W	430W	340W	900W	
Motor	YD-8050	YD-8050	BG-150-X	BG-430-C	BG-150-X	BG-450-C	
Motor class	130	130	130	130	130	130	

Amendment 1 report:

The original Test Report Ref. No. 50350226 001, dated 2020 Jul. 23 was additionally modified to add alternative plug, no test is considered necessary.

Amendment 2 report:

The original Test Report Ref. No. 50350226 001, dated 2020 Jul. 23 was additionally modified to add alternative plug, power cord, ignition transformer, internal wire, see table 24.1.

Amendment 3 report:

The original Test Report Ref. No. 50350226 001, dated 2020 Jul. 23 was additionally modified to issue co-license.

Amendment 4 report:

The original Test Report Ref. No. 50350226 001, dated 2020 Jul. 23 was additionally modified to add alternative plug, power cord, internal wire and self-resetting thermal cut-out, see table 24.1.

Amendment 5 report:

The original Test Report Ref. No. 50350226 001, dated 2020 Jul. 23 was additionally modified to add additional types BGO1601-60; BGO-20C-1, BGO-30C-1, which are similar to the approved types BGO1601-50; BGO-20C, BGO-30B respectively except model name.

Amendment 6 report:

1. Standards update from: "EN 60335-1:2012+A11+A13+A1+A14+A2" to " EN 60335-1:2012+A11 +A13+A1+A14+A2+A15".
2. Add alternative components listed in table 24.1.

<b>IEC 60335-2-30</b>			
Clause	Requirement + Test	Result - Remark	Verdict
<b>23</b>	<b>INTERNAL WIRING</b>		P
23.5	The insulation of internal wiring subjected to the supply mains voltage withstanding the electrical stress likely to occur in normal use		P
	Basic insulation electrically equivalent to the basic insulation of cords complying with IEC 60227 or IEC 60245, or		N/A
	no breakdown when a voltage of 2000 V is applied for 15 min between the conductor and metal foil wrapped around the insulation		P
	For class II construction, the requirements for supplementary insulation and reinforced insulation apply,		N/A
	except that the sheath of a cord complying with IEC 60227 or IEC 60245 may provide supplementary insulation.		N/A
	A single layer of internal wiring insulation does not provide reinforced insulation		P
<b>24</b>	<b>COMPONENTS</b>		P
24.1	Components comply with safety requirements in relevant IEC standards		P
	List of components.....:	(see appended table)	P

24.1	<b>TABLE: Critical components information</b> <b>(Add alternative components for all models, other see Report No. 50350226 001~006)</b>					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity	
Plug	Zhejiang Heye Wire & Cable Co., Ltd.	HY-2302	250V,16A, IP44	DIN VDE 0620-2-1	VDE 40055907	
Plug (only for UK)	Yuyao City Dongdong Electronics Appliance Factory	Y006-A	AC250V,13A	BS 1363-1	ASTA 1199	
	Zhejiang Heye Wire & Cable Co., Ltd.	HY-5302	AC250V,13A	BS 1363-1	ASTA 1501	
	Zhejiang Heye Wire & Cable Co., Ltd.	HY-5301	AC250V,13A	BS 1363-1	ASTA 1500	
Power cord	Zhejiang Heye Wire & Cable Co., Ltd.	H05RN-F	3G0,75mm <sup>2</sup> 3G1,0 mm <sup>2</sup> 3G1,5mm <sup>2</sup>	EN50525-2-21	VDE 40055516	
Self-resetting thermal cut-out	Suzhou Konar Electric Appliance Co. Ltd.	KSD301	250V, 16A,10E4, T200 BGO1601-10:Tf100°C BGO1601-20, BGO1601-30:Tf120°C BGO1601-50, BGO1601-60:Tf100°C BGO1401-20, BGO1401-30:Tf100°C BGO-20C, BGO-20C-1:Tf85°C BGO-20A: Tf60°C BGO-30A: Tf65°C BGO-50A: Tf85°C BGO-70A: Tf95°C BGO-30B, BGO-50B, BGO-30C-1: Tf100°C	EN 60730-1 EN 60730-2-9	TUV SUD B 112714 0001 Rev.00	
Motor lead wire	Yuyao Jingyi Electronics Co., Ltd.	H03VV-F H05VV-F	3x0,75mm <sup>2</sup>	EN 50525-2-11 EN 60335-1 EN 60335-2-102	VDE 40025190 *	
	Zhejiang Jinting Nuclear Cable Co.,Ltd.	H03VV-F H05VV-F	3x0,75mm <sup>2</sup>	EN 50525-2-11 EN 60335-1 EN 60335-2-102	VDE 40013419 *	
	Ningbo Xuanhua Electric Co.,Ltd.	H03VV-F H05VV-F	3x0,75mm <sup>2</sup>	EN 50525-2-11 EN 60335-1 EN 60335-2-102	VDE 40016531 *	
	Zhejiang Heye Wire & Cable Co., Ltd.	H03VV-F H05VV-F	3x0,75mm <sup>2</sup>	EN 50525-2-11 EN 60335-1 EN 60335-2-102	VDE 40055511 *	
	CIXI WANNENG ELECTRON CO., LTD	H03VV-F H05VV-F	3x0,75mm <sup>2</sup>	EN 50525-2-11 EN 60335-1 EN 60335-2-102	VDE 40044024 *	

1. Provided evidence ensures the agreed level of compliance. See OD-CB2039.
2. For the mark of conformity with \*, it means the components also tested with appliance accordingly.
3. BS plug fitted with approved fuse-links rated current must having a rating appropriate to the cord fitted in accordance with "table 2 of BS 1363-1".
4. Compliance of clause is evaluated based on component license submitted by client. License copy available upon request.

EN 60335-1:2012 /A15:2021			
Clause	Requirement + Test	Result - Remark	Verdict
20.2	Replace “dangerous” with “hazardous” (twice).		P
22.44	An appliance is child-appealing if one of the following criteria is present		N/A
	— appliance decorated using faces, cartoon like characters, or similar images;		N/A
	— appliance using shapes representing animals, characters, persons or scale models.		N/A
	An appliance is child-appealing if more than one of the following criteria are present:		N/A
	— using non-functional light (functional light is e.g. illumination of an object or area, signal indicating status of an appliance);		N/A
	— using non-functional sound (e.g. music);		N/A
	— using non-functional movement.		N/A
	If the appliance is child-appealing, has a mass less than 4 kg or is mounted or normally intended for use at a height less than 850 mm, the following conditions shall be met:		N/A
	— No surface (both <b>functional surfaces</b> and non-functional) that are accessible by means of test probe 19 of IEC 61032 located at a height less than 850 mm shall exceed the temperature rises stated below:		N/A
	Temperature rise		N/A
	– of bare metal 38K		N/A
	– of coated metal 42K		N/A
	– of glass and ceramic 51K		N/A
	– of plastic having a thickness exceeding 0,4 mm 58K		N/A
	— Hazardous <b>moving parts</b> shall not be accessible by means of test probe 19 of IEC 61032 under the conditions specified for test probe 18 in Clause 20.2.		N/A
	— <b>Live parts</b> shall not be accessible by means of test probe 19 of IEC 61032 under the conditions specified for test probe 18 in Clause 8.1.1.		N/A
	— Liquid in the appliance shall not exceed 38 °C in normal use when it is accessible by means of test probe 19 under the conditions specified for test probe 18 in Clause 20.2 or can get out of the appliance when positioned in different positions.		N/A
	Vessels in which two independent and sequential actions are needed to access the liquid are considered to meet the requirement.		N/A
	— The requirement of 22.12 is applicable for all accessible parts of the appliance.		N/A
	The requirement is not applicable to appliances where there is a toy shaped like the appliance.		N/A
	Compliance is checked by inspection and appropriate tests.		N/A
24.1.7	If the remote operation of the appliance is via a telecommunication network, the relevant standard for the telecommunication interface circuitry in the appliance is IEC 62151.		N/A
<b>A</b>	<b>ANNEX ZA (NORMATIVE) SPECIAL NATIONAL CONDITIONS (EN)</b>		N/A



EN 60335-1:2012 /A15:2021			
	Modify the reference for Clause 25.8 by adding Cyprus to the countries listed		N/A
	<b>Annex ZB A-deviations</b>		P
	Delete the second paragraph, including the note, starting with: "This European Standard/Harmonization Document ...."		P
ZC	<b>ANNEX ZC (NORMATIVE)</b> <i>NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR CORRESPONDING EUROPEAN PUBLICATIONS</i>		P
	The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.		P
ZF	<b>ANNEX ZF (INFORMATIVE)</b> <b>CRITERIA APPLIED FOR THE ALLOCATION OF PRODUCTS COVERED BY STANDARDS IN THE EN 60335 SERIES UNDER LVD OR MD</b>		P
	Modify the elements of the Table ZF.1		P
ZH	<b>ANNEX ZH (INFORMATIVE)</b> <b>Common plug and socket-outlet types in CENELEC countries</b>		P
	<b>ZH.1 General</b>		P
	NOTE: The dimensions of the plugs are purely for information. The exact dimensions of the plugs can be found in the relevant national standards.		P
	<b>ZH.3.2 Cyprus</b>		N/A
	Only plugs according to standard sheets GB1, GB6 and GB7 of IEC/TR 60083 are allowed.		N/A
	They correspond with plug designations: EU9, EU6 and EU10.		N/A
	<b>ZH.3.4 Finland</b>		N/A
	Plugs according to Publications SFS 5610 and SFS-EN 50075 are allowed.		N/A
	Plugs according to Publications SFS 5215 and SFS-EN 60309 are allowed.		N/A
	<b>ZH.3.9 Netherlands</b>		N/A
	Only plugs according to NEN 1020:2019 are allowed, standard sheets:		N/A
	— IV or IVa 16 A 250 V class I plug (L+N+PE) with side earthing [ = TR IEC 60083 - NL 2 / <b>EU2</b> ]		N/A
	— VII or VIIa 16 A 250 V class I plug (L+N+PE) with dual (side and pin) earthing [ = TR IEC 60083 - NL 2 / <b>EU4</b> ]		N/A
	— XVI 2,5 A 250 V class II plug (L+N): [ = TR IEC 60083 - NL 3 / <b>EU5</b> ]		N/A
	— XVII or XVIIa 16 A 250 V class II plug (L+N) [ = TR IEC 60083 - NL 4 / <b>EU7</b> ]		N/A
	— IX (Perilex) 16 A 400/230 V class I plug (L1+L2+L3+N+PE) [ = <b>EU8</b> ]		N/A
	Or plug according EN 50075 is allowed, standard sheet:		N/A

<b>EN 60335-1:2012 /A15:2021</b>			
	— 1 2,5 A 250 V class II plug (L+N) [= TR IEC 60083 - NL 5 / <b>EU6</b> ]		N/A
	These plugs are shown in IEC/TR 60083 as NL2, NL3, NL4, NL5 and DE4.		N/A
	They correspond with plug designations: EU 2, EU4, EU5, EU6, EU7 and EU8.		N/A
	<b>ZH.3.14 Switzerland</b>		N/A
	Supply cords of portable household and similar electrical appliances having a rated current not exceeding 16 A shall be provided with a plug complying with SN 441011-1:2019. The Table A is applicable for Plug with IP20 and Table B is applicable for plug with IP55:		N/A

END OF REPORT

Ningbo Baogong Electrical Appliance  
Co., Ltd.  
Wang Lei

Date : 20/07/2023  
Our ref. : Xielie ZC10  
Your ref.: W.L

Fuhai Industrial Zone, Cixi  
Ningbo  
315332 Zhejiang  
P.R. China

**Ref : AK Certificate of Conformity**

Type of Equipment : Diesel oil/kerosene fan heater  
Model Designation : See Certificate  
Certificate No. : AK 50593924 0001  
Report No. : 50350226 007

Dear Wang Lei,

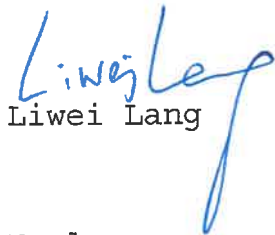
We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body

  
Liwei Lang

Enclosure

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

# CERTIFICATE of Conformity



Registration No.: AK 50593924 0001

Report No.: 50350226 007

Holder: Ningbo Baogong Electrical  
Appliance Co., Ltd.  
Fuhai Industrial Zone, Cixi  
Ningbo  
315332 Zhejiang  
P.R. China

Product: Fuel Operated Room Heater  
(Diesel oil/kerosene fan heater)

Identification: BGO1601-10 BGO1601-20 BGO1601-30 BGO1601-50  
BGO1401-30 BGO1401-20 BGO-20C BGO-20A  
BGO-30A BGO-50A BGO-70A BGO-30B  
BGO-50B BGO1601-60 BGO-20C-1 BGO-30C-1  
Serial No.: n.a.  
Remark: Refer to test report 50350226 007 for details.

Tested acc. to: EN 60335-1:2012+A11+A13+A1+A14+A2+A15  
EN 60335-2-102:2016  
EN 62233:2008

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Date 20.07.2023

Certification Body  
A circular blue stamp with the text 'TÜV Rheinland LGA Products GmbH' around the perimeter and 'TÜV Rheinland' in the center. A signature is written over the stamp.  
Liwei Lang

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg