

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Electric Storage Water Heater
Name and address of the applicant	Sun Industries for Electric Water Heater & Cooler LLC P.O. Box 7293 Old Sanaya, Umm Al Quwain United Arab Emirates
Name and address of the manufacturer	Sun Industries for Electric Water Heater & Cooler LLC P.O. Box 7293 Old Sanaya, Umm Al Quwain United Arab Emirates
Name and address of the factory	<input type="checkbox"/> Additional information on page 2 Sun Industries for Electric Water Heater & Cooler LLC P.O. Box 7293 Old Sanaya, Umm Al Quwain United Arab Emirates
<i>Note: When more than one factory, please report on page 2</i>	
Ratings and principal characteristics	240V, 50Hz, 0.8MPa, IPX1 a) SB20GV - 1500W, 100Liters b) SB20GH - 1500W, 100Liters c) SB16GV - 1200W, 80Liters d) SB16GH - 1200W, 80Liters e) SB12GV - 1200W, 50Liters f) SB12GH - 1200W, 50Liters
Trademark (if any)	Brightsun Brightsun
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	SB20GV, SB20GH, SB16GV, SB16GH, SB12GV, SB12GH
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60335-1:2010/AMD1:2013, IEC 60335-2-21:2012
As shown in the Test Report Ref. No. which forms part of this Certificate	ETUSWH019416

This CB Test Certificate is issued by the National Certification Body

Emirates Authority for Standardization and Metrology (ESMA)
Business Avenue Building, Port Saeed, Deira, P.O. Box 48666, Dubai, United Arab Emirates



الإمارة العربية المتحدة
Emirates Authority For Standardization & Metrology




Signature: Essa Abdulrahman Al Hashmi



Test Report issued under the responsibility of:



بلدية دبي
DUBAI MUNICIPALITY



TEST REPORT

IEC 60335-2-21

Household and similar electrical appliances – Safety Part 2: Particular requirements for Storage Water Heaters

Report Reference No.: ETUSWH019416

Date of issue.....: 23 May 2016

Total number of pages.....: 64

Applicant's name: Sun Industries For Electric Water heater & Cooler L.L.C

Address.....: P.O.Box 7293,Umm Al Quwain,U.A.E.

Test specification:

Standard: IEC 60335-2-21:2012-11 Ed. 6.0 used in conjunction with
IEC 60335-1:2013-12 Ed. 5.1

Test procedure: CB scheme

Non-standard test method.....: N/A

Test Report Form No.....: F-CP-3026 Rev. 4

Test Report Form(s) Originator: Electrical Appliances Unit

Master TRF.....: 20-08-2015


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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.

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.

Test item description: Electric Storage Water Heater

Trade Mark: 



Manufacturer: Sun Industries For Electric Water heater & Cooler L.L.C

Model/Type reference.....: a) SB20GV, b) SB20GH, c) SB16GV, d) SB16GH, e) SB12GV,
f) SB12GH

Ratings.....: a,b) 240V, 50Hz, 1500W, 0.8MPa, IPX1.
c,d,e,f) 240V, 50Hz, 1200W, 0.8MPa, IPX1
a,b) 100 Litres, c,d) 80 Litres, e,f) 50 Litres



LB-014

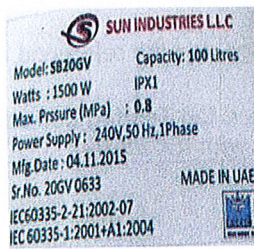
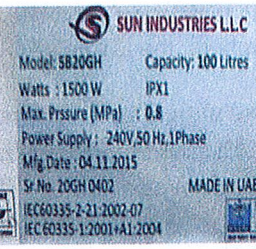
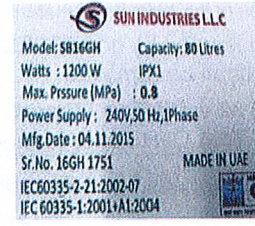
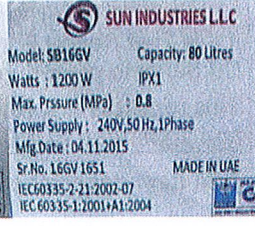
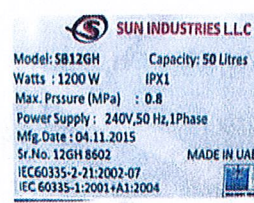
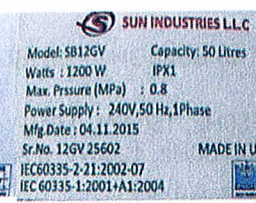
Testing procedure and testing location.....:	
Testing laboratory.....:	Electrical Appliances Unit, Dubai Central Laboratory
Testing location / address.....:	P.O. Box 67, Al Karama, Dubai, UAE
Tested by (name + signature)	Hamza khan 
Supervised by (name + signature) ...:	
Approved by (name + signature)	Abdulrahman Mohammed Abdulla Al Ali 

Summary of testing:

- Retest was conducted on the following.
 - Sub-clause 10.1 – Power input measurements for model SB20GV and SB20GH.
- This report is issued with reference to the previously issued report with Reference No.ETUSWH056515 dated 18 November 2015.

<p>Tests performed (name of test and test clause):</p> <p>Sub-clause 10.1 only.</p>	<p>Testing location:</p> <p>Electrical Appliances Unit Consumer Products Laboratory Section Dubai Central Laboratory Department Dubai Municipality P.O. Box 67 Al Karama, Dubai United Arab Emirates</p>
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Copy of marking plate

Test item particulars	Electric Storage Water Heater
Classification of installation and use.....	Stationary Appliance
Supply connection	Fixed Wiring
Nature of supply	a.c.
Class of protection against electric shock	Class I
Degree of protection against moisture	IPX1
Type of mounting	
- building-in	No
- independent	No
- to be fixed to a support	Yes
- hand-held	No
Switch	No
Thermostat	Yes
Temperature limiter	No
Thermal cut-out	Yes
Electronic circuit	No
Programme controller	No
Timer.....	No
Stationary appliance.....	Yes
Portable appliance	No
Appliance kept in the hand	No
Appliance continuously loaded hand.....	No
Thermostat without an OFF position	No
Energy regulator without an OFF position.....	No
Motor with capacitor in auxiliary winding.....	No
More than one function	No
Alternative accessories provided.....	No
Interlock between lid and main switch.....	No
Water outlet	Yes
Automatic control in flexible cable or cord.....	No
Series motor incorporated	No
Power supply cord provided	No
Appliance inlet provided.....	No
Length of cord < 2m.....	No
Connection to water supply mains	No
Appliance for unattended use	Yes
Appliance intended to be immersed for cleaning.....	No
Drain hole provided.....	No
Provision for discharging steam	No
Provision for discharging overflowing water.....	No
Pressure relief device provided	Yes
Detachable liquid container	No