

GULF TYPE EXAMINATION CERTIFICATE

for Low Voltage Electrical Equipment and Appliances in list (2)
of Gulf Technical Regulation BD-142004-01

Certificate No. GC-10784-UL

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Date of Issue: 2022-10-05 | Date of Expiry: 2025-12-12 | Date of Revision: --

**Manufacturer
(Name and Address)** A O SMITH CORP
1100 E FAIRVIEW AVE JOHNSON CITY, TN
United States 37601

Product Storage water heaters

Model No. ES6 6 SOMS, ES6 10 SOMS, ES6 20 SOMS, ES6 20 SOMT, ES6 30 DOLSU,
 Additional models on page 2 ES6 30 DOMSU, ES6 30 SOMSU, ES6 30 DORSU, ES6 30 DORTU, ES6 40
DOMSU, ES6 40 SOMSU, ES6 40 DOLSU, ES6 40 DORSU, ES6 40
DORSULD, ES6 40 DORTU, ES6 50 DORSU, ES6 50 DORSULD, ES6 50
DOLSU, ES6 52 DOCTU, ES6 52 DORTU, ES6 55 DORTU, ES6 66 DORTU,
ES6 66 DORTULD, ES6 80 DORTU, ES6 80 DORTULD, ES6 120 DORTU,
ES6 120 DORTULD. All models maybe followed by alpha-numeric characters
XXX (ex. 290).

Brand State

Manufacturing Location(s) A O SMITH CORP
 Additional locations on page 2 1100 E FAIRVIEW AVE JOHNSON CITY, TN
United States 37601

**This Product Complies
with the Standard(s)** IEC 60335-2-21:2012+AMD1:2018
IEC 60335-1:2010+AMD1:2013+AMD2:2016
CISPR 14-1:2020
IEC 61000-3-2:2018+AMD1:2020
IEC 61000-3-3:2013+AMD1:2017+AMD2:2021

NB Report / File no. reference 4790553418

**Member States conditions and
differences complied:** Kingdom of Bahrain; Kingdom of Saudi Arabia; Republic of Yemen; State of
Kuwait; State of Qatar; Sultanate of Oman; United Arab Emirates

**GSO Conformity Tracking
Symbol of the Certificate:**



Certification Manager
Jan-Erik Storgaard

This is to certify that the product(s) described herein has been investigated and found in compliance with the Standard(s) indicated on this Certificate and is presumed to be in conformity with the essential requirements of Annex (1) of Gulf Technical Regulation for Low Voltage Electrical Equipment and Appliances BD-142004-01, following the conformity assessment procedure of Annex (4). This certificate applies only to the product(s) submitted by the Manufacturer. UL has not performed any surveillance.

The Manufacturer is solely and fully responsible for the conformity of the production units with the type examined and approved. The Manufacturer shall inform UL of any modifications made to the examined product and/or its technical documentation.

Notified Body 0021 UL International Demko A/S, Borupvang 5A,
DK-2750 Ballerup, Denmark
Tel. +45 44 85 65 65 | info.dk@ul.com | www.ul.com



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Product Description: Residential Electric Storage Water Heaters

Model(s), Product Specifications and Technical Data:

<i>Model</i>	<i>Ratings</i>	<i>Overall Dimensions W x H x D (cm)</i>
ES6 10 SOMS XXX	220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.5kw	40.6 x 46.4 x 40.6
ES6 120 DORTU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	71.1 x 163.2 x 71.1
ES6 120 DORTULD XXX	400-415 V; 50/60 Hz; 6.0kw, 9.0kw	71.1 x 163.2 x 71.1
ES6 20 SOMS XXX	220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	45.7 x 63.5 x 45.7
ES6 20 SOMT XXX	220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.5kw	40.6 x 80.3 x 40.6
ES6 30 DOLSU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	56 x 78.8 x 56
ES6 30 DOMSU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	56 x 76.2 x 56
ES6 30 DORSU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	52 x 92.7 x 52
ES6 30 DORTU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw	45.7 x 118.1 x 45.7
ES6 30 SOMSU XXX	220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	48.3 x 119.4 x 48.3
ES6 40 DOLNSU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	61 x 80.7 x 61
ES6 40 DOMSU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	61 x 80.7 x 61



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ES6 40 DORSU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	50.8 x 120.7 x 50.8
ES6 40 DORSULD XXX	400-415 V; 50/60 Hz; 6.0kw, 9.0 kw	50.8 x 120.7 x 50.8
ES6 40 DORTU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw	45.7 x 151.1 x 45.7
ES6 40 SOMSU XXX	220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	61 x 80.7 x 61
ES6 50 DOLSU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	67.3 x 86.4 x 67.3
ES6 50 DORSU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	54.6 x 122 x 54.6
ES6 50 DORSULD XXX	400-415 V; 50/60 Hz; 6.0kw, 9.0kw	54.6 x 122 x 54.6
ES6 52 DOCTU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	50.8 x 148 x 50.8
ES6 52 DORTU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, W; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	50.8 x 148 x 50.8
ES6 55 DORTU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	56 x 143.5 x 56
ES6 6 SOMS XXX	220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.5kw	36.2 x 39.1 x 36.2
ES6 66 DORTU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	52.1 x 153 x 52.1
ES6 66 DORTULD XXX	400-415 V; 50/60 Hz; 6.0kw, 9.0kw	52.1 x 153 x 52.1
ES6 80 DORTU XXX	400-415 V; 50/60 Hz; 4.5kw 220-240 V; 50/60 Hz; 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw	57.2 x 153.7 x 57.2
ES6 80 DORTULD XXX	400-415 V; 50/60 Hz; 6.0kw, 9.0kw	57.2 x 153.7 x 57.2



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Additional Manufacturing Locations (Factories) name and address:

A.O. SMITH CORPORATION
500 TENNESSEE WALTZ PARKWAY, ASHLAND, TN 37015
UNITED STATES

A.O. SMITH CORPORATION
HIGHWAY 1 NORTH MCBEE, SC 29101
UNITED STATES

Technical documentation and test reports examined:

Safety Test Report no. 4789127947 issued on 2019-10-24
Safety Test Report no. 4790195203 issued on 2022-02-01
Safety Test Report no. 4789435635 issued on 2020-07-09
EMC Test Report no. 14252389A issued on 2022-04-06
EMC Test Report no. 14252389B issued on 2022-04-06

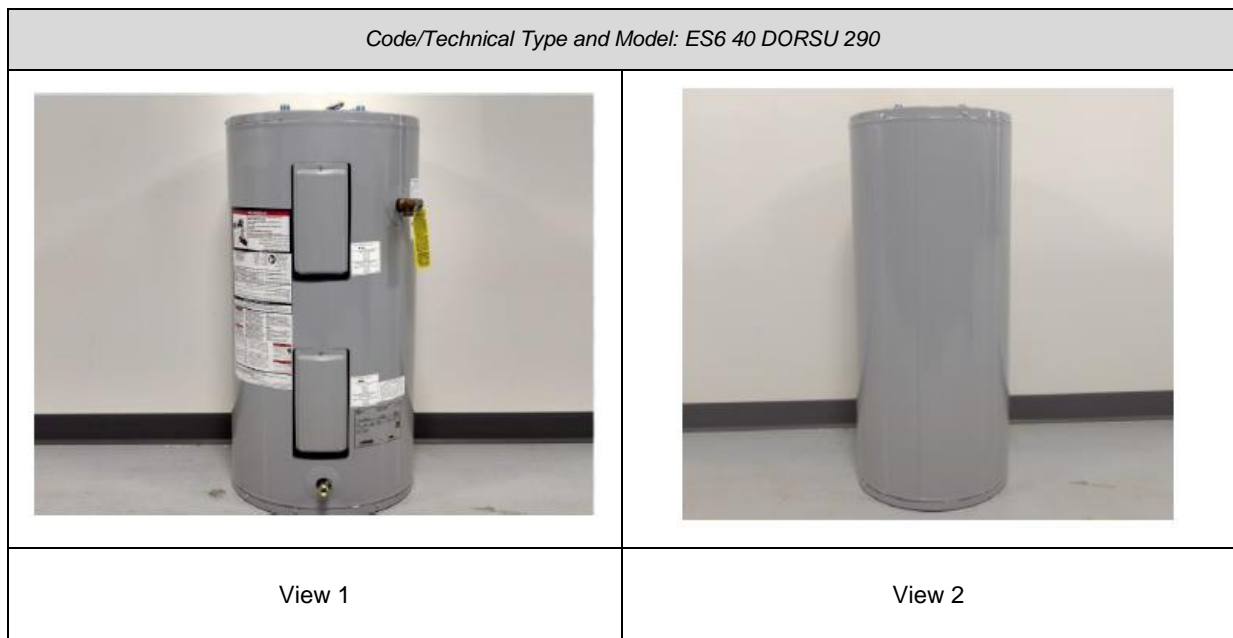
Additional information:

Renewal of GC-10392-M2-UL.

Additionally evaluated to: SASO IEC 60335-2-21:2021, GSO 1858:2008, SASO GSO 1858/2012, GSO 1859:2008, SASO GSO 1859/2012

Product Image(s):

External Views of the product(s)



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Image of product markings/rating plate(s) showing trademark/brand

Code/Technical Type and Model: ES6 40 DORSU 290

رقم الطراز MODEL NUMBER		الرقم المسلسل SERIAL NUMBER		معرف الصنف / رقم الصنف ITEM ID / PART NUMBER			
ES6 40 DORSU 290		1946110769321		100309384			
(المرحلة) Ph Ph (PHASE)	(فولت) V V (VOLTS)	(هرتز) Hz Hz (HERTZ)	عدد العناصر No. of ELEMENTS	(الوات) W W (WATTS) للوحدات EACH	الإجمالي TOTAL	الحد الأقصى لضغط التشغيل MAXIMUM WORKING PRESSURE رطل لكل بوصة مربعة PSI	كيلو باسكال KPA
1	220-240	50/60	2	4500	4500	150	1034
السعة CAPACITY جالون أمريكي US GAL		الانتظار اليومي DAILY STANDBY LOSES (KWh)		STATE INDUSTRIES state WATER HEATERS			
35.7	135	1.62	MADE IN USA 1600				
رقم الطراز Model Number		الرقم المسلسل Serial Number					



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Gulf Conformity Tracking Symbol (GCTS) for Products:



The GCTS in different sizes and shapes is supplied by UL together with this certificate.

Certified products shall be marked under the sole responsibility of the manufacturer. The above GCTS is related to the models covered by this Gulf Type Examination Certificate only and shall be used according to "GSO Rules for the Use of the GSO Conformity Tracking Symbol (GCTS)".

The symbol includes two elements (Gulf Conformity Marking - G-Mark logo and QR code) and is considered as a single entity.

It shall comply with the minimum dimension requirements and maintain the proportion; it shall be easily visible, permanent and readable by QR codes scanners. The same complete GCTS shall be placed also on the packaging.

