



هيئة التقييس الخليجية  
GCC Standardization Organization



0021-672

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## شهادة مطابقة خليجية / شهادة فحص الطراز الخليجية

وفقاً للائحة الفنية الخليجية للأجهزة والمعدات الكهربائية منخفضة الجهد BD-142004-01 الملحق 4

### GSO Certificate of Conformity / Gulf Type Examination Certificate

According to GSO Technical Regulation for Low Voltage Equipment and Appliances BD-142004-01 Annex (4)

Certificate No. 0021-672 R 1 Date of Issue 2022-10-05 Revision Date 2025-02-01 Date of Expiry 2025-12-12

#### Certification Body

جهة منح الشهادة



NB 0021 - UL International Demko A/S

Borupvang 5a

Click here for contact details <https://www.gso.org.sa/nb/notified-body-detail/0021>

Certificate Internal Reference Number GC-10784-M1-UL

#### Manufacturer

الصانع

A. O. Smith Corporation

1100 E. Fairview Avenue, Johnson City, UNITED STATES

#### Product Detail

تفاصيل المنتج

Product Number	16230	رقم المنتج
Category	Household electric instantaneous or storage water heaters and immersion heaters	الفئة
Scope	Storage water heaters	النطاق
Product Description	Electric Storage Tank Water Heaters	تفاصيل المنتج
Trademark / Brand	State	العلامة التجارية
Models	ES6 10 SOMS XXX, ES6 20 SOMS XXX, ES6 20 SOMT XXX, ES6 30 DOLSU XXX, ES6 30 DOMSU XXX, ES6 30 DORSU XXX, ES6 30 DORTU XXX, ES6 30 SOMSU XXX, ES6 40 DOLNSU XXX, ES6 40 DOMSU XXX, ES6 40 DORSU XXX, ES6 40 DORSULD XXX, ES6 40 DORTU XXX, ES6 40 SOMSU XXX, ES6 50 DOLSU XXX, ES6 50 DORSU XXX, ES6 50 DORSULD XXX, ES6 52 DOCTU XXX, ES6 52 DORTU XXX, ES6 6 SOMS XXX	الطرزات
Country of Manufacture	United States	بلد الصنع

#### Factory

المصنع

A. O. Smith Corporation

1100 E. Fairview Avenue, Johnson City, United States

— All models.

A. O. Smith Corporation

500 TENNESSEE WALTZ PARKWAY, ASHLAND, United States

— All models.

A. O. Smith Corporation

25731 Highway 1, McBee, United States

— All models.

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Technical Details							البيانات الفنية
Model الطراز	Rated Voltage الجهد المقنن	Rated Frequency التردد	Dimensions الأبعاد	Capacity السعة			
ES6 10 SOMS XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	406*406*464mm	30L			
ES6 20 SOMS XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	457*457*635mm	65L			
ES6 20 SOMT XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	406*406*803mm	65L			
ES6 30 DOLSU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	560*560*788mm	106L			
ES6 30 DOMSU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	560*560*762mm	106L			
ES6 30 DORSU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	520*520*927mm	100L			
ES6 30 DORTU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	457*457*1181mm	114L			
ES6 30 SOMSU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	483*483*1194mm	114L			
ES6 40 DOLNSU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	610*610*807mm	144L			
ES6 40 DOMSU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	610*610*807mm	144L			
ES6 40 DORSU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	508*508*1207mm	135L			
ES6 40 DORTU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	457*457*1511mm	151L			
ES6 40 SOMSU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	610*610*807mm	144L			
ES6 50 DOLSU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	673*673*864mm	182L			
ES6 50 DORSU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	546*546*1220mm	189L			
ES6 52 DOCTU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	508*508*1480mm	189L			
ES6 52 DORTU XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	508*508*1480mm	189L			
ES6 6 SOMS XXX	1P: 220-240V / 3P: 400-415V	50/60Hz	362*362*391mm	20L			
ES6 40 DORSULD XXX	3P: 400-415V	50/60Hz	508*508*1207mm	151L			
ES6 50 DORSULD XXX	3P: 400-415V	50/60Hz	546*546*1220mm	189L			

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#### Countries Considered

#### دول الامتثال

This certificate is applicable in the following member states

هذه الشهادة تنطبق على الدول الأعضاء التالية

UNITED ARAB EMIRATES, BAHRAIN, KUWAIT, OMAN, QATAR, SAUDI ARABIA, YEMEN — All models.

#### Standards Applied

#### المواصفات القياسية المطبقة

IEC 60335-1:2020

IEC 60335-2-21:2022

CISPR 14-1:2020

IEC 61000-3-2:2018+AMD1:2020+AMD2:2024

IEC 61000-3-3:2013+AMD1:2017+AMD2:2021

#### Additional Standards used for evaluation

#### المواصفات القياسية الإضافية

SASO IEC 60335-2-21: 2012+AMD2018

#### Documents

#### الوثائق

Safety Test Report	Reference No.4791127680 (Orig.)	Issue Date: 2024-05-07
Safety Test Report	Reference No.4791127680 (Amd1)	Issue Date: 2024-05-31
EMC Test Report	Reference No.15609242A	Issue Date: 2024-12-09
EMC Test Report	Reference No.15609242B	Issue Date: 2024-12-09
Evaluation Report	Reference No.4791595076.3	Issue Date: 2025-01-24

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#### Product Photos

#### صور المنتج



General

All Models.



General

All Models.

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#### Product Photos

#### صور المنتج

 LISTED 932N		RESIDENTIAL STORAGE TANK WATER HEATER سخان مياه الخزانات السكني		IPX1 علامة الحماية العالمية 1	
رقم الطراز MODEL NUMBER ES6 40 DORSU 290		الرقم التسلسلي SERIAL NUMBER 1946110769321		معرّف المنتج / رقم الصنف ITEM ID / PART NUMBER 100309384	
عدد العناصر No. of ELEMENTS	القدرة W (WATTS) EACH	القدرة W (WATTS) TOTAL	الضغط القصوى MAXIMUM WORKING PRESSURE PSI	الضغط القصوى MAXIMUM WORKING PRESSURE KPA	رقم نقل بوحدة اربعة RFA
1	220-240	4500	150	1034	
القدرة CAPACITY جالون أمريكي US GAL	الانتظار اليومي DAILY STANDBY LOSS (KW)	STATE INDUSTRIES WATER HEATERS Manufacturer A.O. Smith Corporation 1100 E. Fairview Ave. Johnson City, TN 37601 مصدر في الولايات المتحدة الأمريكية MADE IN USA 1600			
35.7	135				
رقم الطراز Model Number		الرقم التسلسلي Serial Number			

Label

Models:

ES6 40 DORSU XXX

#### Additional Information

#### البيانات الإضافية

Technical amendment of GC-10784-UL to update standards' editions. The last "XXX" of the model identification varies depending on the power of the model. The last "XXX" of the model identification varies depending on the power of the model. ES6 20 SOMS XXX, ES6 30 SOMSU XXX, ES6 40 SOMSU XXX: 1P: 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw. ES6 10 SOMS XXX, ES6 20 SOMT XXX, ES6 6 SOMS XXX: 1P: 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.5kw. ES6 30 DORTU XXX, ES6 40 DORTU XXX: 3P: 4.5kw, 1P: 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw. ES6 30 DOLSU XXX, ES6 30 DOMSU XXX, ES6 30 DORSU XXX, ES6 40 DOLNSU XXX, ES6 40 DOMSU XXX, ES6 40 DORSU XXX, ES6 50 DOLSU XXX, ES6 50 DORSU XXX, ES6 52 DOCTU XXX, ES6 52 DORTU XXX: 3P: 4.5kw, 1P: 1.5kw, 2.0kw, 2.5kw, 3.0kw, 3.5kw, 4.0kw, 4.5kw, 5.0kw, 6.0kw. ES6 40 DORSULD XXX, ES6 50 DORSULD XXX: 3P: 6.0kw, 9.0kw

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#### Disclaimer

#### إخلاء المسؤولية

- Certificate Responsibility:** This certificate's responsibility lies entirely with the Certification Body as identified on the first page of this certificate.
- Certification Scope:** This certificate applies only to the product(s) submitted. It does not imply that the Certification Body has performed any surveillance or control of the manufacturing site(s), nor verified any self-declaration from the applicant or manufacturer.
- Basis of Assessment:** The certification evaluation is based on a review of the sample and/or the information and documentation supplied. It reflects the current state of knowledge of the product, and the hazard and risk information available today.
- Manufacturer's Responsibility:** The manufacturer is solely and fully responsible for the conformity of the production units with the type evaluated and approved.
- Changes to Certified Product:** Any modifications made to the certified product by the manufacturer may require additional conformity assessments, possibly leading to changes in the certification status. It is the manufacturer's responsibility to inform the Certification Body of any significant changes in product, manufacturing process, organizational structure, or any other relevant changes that could impact the safety or conformity of the certified product. Failure to do so could result in the suspension or termination of this certificate.
- Use of GSO Conformity Tracking Symbol (GCTS):** The manufacturer is the only responsible for affixing the GSO Conformity Tracking Symbol (GCTS) in compliance with GSO's rules. Please refer to the Rules publicly available: [GSO-Rules for the Use of the GSO Conformity Tracking Symbol \(GCTS\)](#).
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- Reproduction of Certificate:** The reproduction of this certificate is only permitted in its entirety.
- Exclusive Use:** This Certificate is intended for the exclusive use of the Certification Body's client and is provided according to the agreement between the Certification Body and the client.
- Responsibility and Liability:** Responsibility and liability are limited to the terms and conditions specified in the agreement between the Certification Body and the client.
- GSO's Liability:** GSO confirms the GCTS registration's approval of the certificate as a procedural step. However, it assumes no responsibility for the accuracy and reliability of the evaluations and conformity decisions.
- Renewal:** Requests for renewal of this certificate should be submitted at least 6 months prior to the expiry date. After the expiry date, a new application will be required for certification.
- Failure to Comply:** If any deviation or variance from the GSO Certification Requirements is detected, or if there is improper or unauthorized use of the Certificate, of GSO Conformity Tracking Symbol (GCTS), of GSO name, of the Certification Body name, the certificate holder may be required to undertake corrective actions at their own expense. Failure to comply with these requirements within a specified time may lead to suspension or termination of the certificate.
- Suspension and Termination:** Certification may be suspended or terminated by the Certification Body under several conditions, including but not limited to non-payment of fees, misleading use of the GSO Conformity Certificate, or unauthorized modification of the product. Upon termination, the certificate holder must discontinue the use of the GSO Conformity Certificate in any promotional material or advertising and may pay any outstanding fees owed to the GSO.
- Certificate Validity:** This certificate is valid until the expiry date, unless updates in the applied Technical Regulation(s) or Standard(s) and/or modifications to the product affecting its conformity occur.

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