OG-500 Solar Tank Certification

No./50002601

Issued: January 21, 2026
Expiration Date: January 01, 2027

www.solar-rating.org | **(800) 423-6587** | **(562) 699-0543**

CERTIFICATION HOLDER:	**EVALUATION SUBJECT**	
SunEarth, Inc. 8425 Almeria Avenue Fontana, CA 92335 USA www.sunearthinc.com	**BRAND:**	SETS
	TYPE:	Indoor, Hot Water Storage Tank with no Supplemental Heater
	PRESSURIZED: ☐	**UNPRESSURIZED:** ☒

PRODUCT CERTIFICATION SYSTEM:

The ICC-SRCC OG-500 certification program includes evaluation and performance ratings for solar tanks as established in the *ICC-SRCC Rules for Solar Heating & Cooling Product Listing Reports.* The program also includes periodic factory inspections and surveillance of the manufacturer's quality management system.

COMPLIANCE WITH STANDARD(S): *ICC 903/SRCC 500 - 2024, Solar Tank Standard*

TANK MODELS:

Model Name/No.	Volumetric Capacity[1] (gal/L)	Dimensions (OD X Height) (m x m/in x in)	Dry Weight (kg/lbs)	Supplemental Heater	Energy Storage Capacity[2] (kWh)
SETS100-4	100gal (379L)	0.838m x 1.22m (33in x 48in)	54.0 kg (119.0 lbs)	No	31.1 kWh
SETS150-4	150gal (568L)	0.914m x 1.22m (36in x 48in)	58.5 kg (129.0 lbs)	No	46.4 kWh
SETS200-4	200gal (757L)	1.016m x 1.22m (40in x 48in)	62.1 kg (137.0 lbs)	No	61.8 kWh
SETS250-4	250gal (946L)	1.219m x 1.22m (48in x 48in)	70.3 kg (155.0 lbs)	No	77.3 kWh
SETS300-4	300gal (1136L)	1.321m x 1.22m (52in x 48in)	75.3 kg (166.0 lbs)	No	92.8 kWh
SETS400-4	400gal (1514L)	1.473m x 1.22m (58in x 48in)	83.9 kg (185.0 lbs)	No	123.7 kWh
SETS500-4	500gal (1893L)	1.626m x 1.22m (64in x 48in)	93.4 kg (206.0 lbs)	No	154.7 kWh
SETS600-4	600gal (2271L)	1.778m x 1.22m (70in x 48in)	103.0 kg (227.0 lbs)	No	185.8 kWh
SETS700-4	700gal (2650L)	1.93m x 1.22m (76in x 48in)	109.3 kg (241.0 lbs)	No	216.9 kWh
SETS800-4	800gal (3028L)	2.032m x 1.22m (80in x 48in)	121.1 kg (267.0 lbs)	No	248.1 kWh
SETS1200-4	1200gal (4542L)	2.438m x 1.22m (96in x 48in)	162.8 kg (359.0 lbs)	No	372.3 kWh
SETS400-5	400gal (1514L)	1.321m x 1.52m (52in x 60in)	100.7 kg (222.0 lbs)	No	124.8 kWh
SETS500-5	500gal (1893L)	1.473m x 1.52m (58in x 60in)	102.5 kg (226.0 lbs)	No	156.0 kWh
SETS600-5	600gal (2271L)	1.626m x 1.52m (64in x 60in)	119.7 kg (264.0 lbs)	No	187.3 kWh
SETS700-5	700gal (2650L)	1.702m x 1.52m	122.5 kg (270.0 lbs)	No	218.6 kWh

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		(67in x 60in)			
SETS800-5	800gal (3028L)	1.778m x 1.52m (70in x 60in)	124.3 kg (274.0 lbs)	No	250.0 kWh
SETS1000-5	1000gal (3785L)	2.032m x 1.52m (80in x 60in)	153.3 kg (338.0 lbs)	No	312.8 kWh
SETS1200-5	1200gal (4542L)	2.184m x 1.52m (86in x 60in)	168.3 kg (371.0 lbs)	No	375.6 kWh
SETS1500-5	1500gal (5678L)	2.438m x 1.52m (96in x 60in)	193.2 kg (426.0 lbs)	No	469.9 kWh
SETS2100-5	2100gal (7949L)	2.794m x 1.52m (110in x 60in)	332.0 kg (732.0 lbs)	No	658.2 kWh
SETS2500-5	2500gal (9464L)	3.048m x 1.52m (120in x 60in)	355.6 kg (784.0 lbs)	No	784.3 kWh
SETS800-6	800gal (3028L)	1.626m x 1.83m (64in x 72in)	127.5 kg (281.0 lbs)	No	252.0 kWh
SETS1000-6	1000gal (3785L)	1.778m x 1.83m (70in x 72in)	142.4 kg (314.0 lbs)	No	315.2 kWh
SETS1100-6	1100gal (4164L)	1.93m x 1.83m (76in x 72in)	160.6 kg (354.0 lbs)	No	347.1 kWh
SETS1300-6	1300gal (4921L)	2.032m x 1.83m (80in x 72in)	173.3 kg (382.0 lbs)	No	410.4 kWh
SETS1500-6	1500gal (5678L)	2.184m x 1.83m (86in x 72in)	187.3 kg (413.0 lbs)	No	474.0 kWh
SETS2000-6	2000gal (7571L)	2.54m x 1.83m (100in x 72in)	342.0 kg (754.0 lbs)	No	632.4 kWh
SETS3000-6	3000gal (11356L)	3.048m x 1.83m (120in x 72in)	402.8 kg (888.0 lbs)	No	949.1 kWh
SETS3400-6	3400gal (12870L)	3.251m x 1.83m (128in x 72in)	432.7 kg (954.0 lbs)	No	1076.8 kWh
SETS1700-7	1700gal (6435L)	2.184m x 2.13m (86in x 84in)	301.6 kg (665.0 lbs)	No	539.9 kWh
SETS2200-7	2200gal (8328L)	2.54m x 2.13m (100in x 84in)	351.1 kg (774.0 lbs)	No	699.2 kWh
SETS2800-7	2800gal (10599L)	2.743m x 2.13m (108in x 84in)	419.6 kg (925.0 lbs)	No	890.4 kWh
SETS3500-7	3500gal (13249L)	3.048m x 2.13m (120in x 84in)	482.6 kg (1064.0 lbs)	No	1113.9 kWh
SETS4000-7	4000gal (15142L)	3.251m x 2.13m (128in x 84in)	534.8 kg (1179.0 lbs)	No	1274.4 kWh
SETS4500-7	4500gal (17034L)	3.429m x 2.13m (135in x 84in)	579.7 kg (1278.0 lbs)	No	1435.2 kWh
SETS5000-7	5000gal (18927L)	3.607m x 2.13m (142in x 84in)	609.6 kg (1344.0 lbs)	No	1596.4 kWh

1: Volumetric Capacity determined in accordance with ICC 903/SRCC 500, Section 603 and does not include the volume of fluid contained within any integral heat exchangers.

2: *Rated Thermal Energy Storage Capacity determined in accordance with ICC 903/SRCC 500, Section 604.*

TANK FAMILY SPECIFICATIONS:

Description	Indoor, Hot Water Storage Tank with no Supplemental Heater		
Pressurized/Unpressurized	Unpressurized		
Tank Max. Working Pressure	0 kPa (0 psi)	**Tank Operating Temperature Range**	79°C (175°F)
Approved for Outdoor Installation	No	**Approved Fluids (Tank)**	Non-Potable Water, Propylene Glycol
Integral Heat Exchanger 1	N/A	**Approved Fluids (Hx 1)**	N/A
Integral Heat Exchanger 2	N/A	**Approved Fluids (Hx 2)**	N/A

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IDENTIFICATION:

Certified collectors must be identified with the OG-500 certification mark below in accordance with the *Rules for Certification Mark and Certificate Use* and labeled in with the information below per *ICC 903/SRCC 500*:

1. Manufacturer's name and model number.
2. ICC-SRCC OG-500 tank certification number
3. Maximum working pressure for the tank and any heat exchangers
4. Dry (empty) weight
5. Volumetric capacity
6. Compatible heat transfer fluids
7. Heat exchanger types (as applicable)
8. Electrical rating (as applicable)
9. Rated thermal energy storage capacity
10. Usage statement: "THIS TANK IS DESIGNED AND TESTED FOR USE AS PART OF A SOLAR WATER THERMAL SYSTEM. IT IS NOT INTENDED FOR USE AS A STAND-ALONE WATER HEATER."

CONDITIONS:

1. Tanks must be installed and operated in accordance with the manufacturer's published instructions and local codes and regulations.
2. Certified tanks must be installed as part of a solar thermal system. They are not approved for use as a stand-alone water heater under this certification.
3. Solar tanks installed in unprotected outdoor locations must be specially approved for such installation.
4. Performance ratings are based on OG-500 standardized rating conditions and conditions at the time of testing. Actual performance will vary based on the specific usage, installation, and local environmental conditions.
5. The solar tank listed in this ICC-SRCC OG-500 certification must be labeled with the information listed above in accordance with the *ICC-SRCC Rules for Mark and Certificate Use*.
6. Solar tanks must be used with the heat transfer fluids listed in this document for both the tank and any integral heat exchangers.
7. Solar thermal collector manufactured under a quality control program subject to periodic evaluation in accordance with the requirements of ICC-SRCC.
8. This document must be reproduced in its entirety.
9. Certification status should be confirmed on the ICC-SRCC Directory at www.solar-rating.org

Vincent Chui, S.E.
VP of Evaluation Services

A2LA ACCREDITED
CERTIFICATE # 3299.01, 3299.03

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