

# OEG Solar storage tank 1,500 litres with 2 smooth pipe heat exchangers



OEG Solar storage tanks - highest quality "Made in Germany"!

The OEG solar storage tank is not only suitable for the heating of domestic water with boilers and low-temperature heating systems, but it is particularly suitable for the additional connection to a solar system. It is often used in new installations but also as a replacement tank. With the different coating colours that you can choose from and the wide range of connection options, it can be combined with heat generators and solar systems of almost all manufacturers. The inner surface of the tank is covered with high-grade enamelling to ensure a hygienic heating of the drinking water. The generously sized heat exchanger area of the lower smooth-pipe heat exchanger reaches down to the bottom of the tank and provides for a high energetic advantage compared to many other products in the market. The service hatch allows for convenient maintenance and cleaning of the storage tank.

## Data pursuant to EU regulation 814/2013

Name of supplier's trade marks:	OEG GmbH
Model identification of the supplier:	516008543 - Solar storage tank 1,500 litres with 2 smooth pipe heat exchangers
Heat retaining losses in watts:	63
Storage tank volume in litres:	1440

## General

OEG Nr.:	516008543
Rated volume according to EN 12897:	1500
Colour:	white
Insulation according to DIN 4102-1 Fire Protection Class B2:	removable segment insulation
Weight [kg]:	505
Total height including insulation [mm]:	2210
Diameter without insulation [mm]:	1000
Diameter with insulation [mm]:	1315
Tilt height [mm]:	2190

## Energy

Heat retaining loss according to EN 12897 [W]:	63
Heat losses in stand-by mode according to DIN 12897 [kW/h / 24 h]:	1,512
Output capacity (45°C) [l]:	2350
Performance indicator NL following DIN 4708:	46

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## Tank

Real volume according to EN 12897 [l]:	1440
p <sub>max</sub> Tank [bar]:	10
t <sub>max</sub> Tank [°C]:	95
t <sub>min</sub> Tank [°C]:	20

## Smooth-pipe heat exchanger

Smooth-pipe heat exchanger [number]:	2
Smooth-pipe heat exchanger area bottom [m²]:	4,50
Smooth-pipe heat exchanger area top [m²]:	2,80
Smooth-pipe heat exchanger volume bottom:	29,70
Smooth-pipe heat exchanger volume top:	18,60
p <sub>max</sub> Smooth-pipe heat exchanger [bar]:	10
t <sub>max</sub> Smooth-pipe heat exchanger [°C]:	130

## Connections

Connection layout:	90°
Connection sensor [Ø mm / terminal]:	6 mm
Connection cold / hot water:	R 1 1/4"
Connection heat exchanger [thread]:	Rp 1"
Connection circulation:	R 3/4"
Connection heating element [thread]:	Rp 1 1/2"
Service hatch (LK 150):	115 / 180
Max. immersion depth of flange heater [mm]:	900
Max. immersion depth of screw-in heater [mm]:	1100