

Photovolta thermic AG

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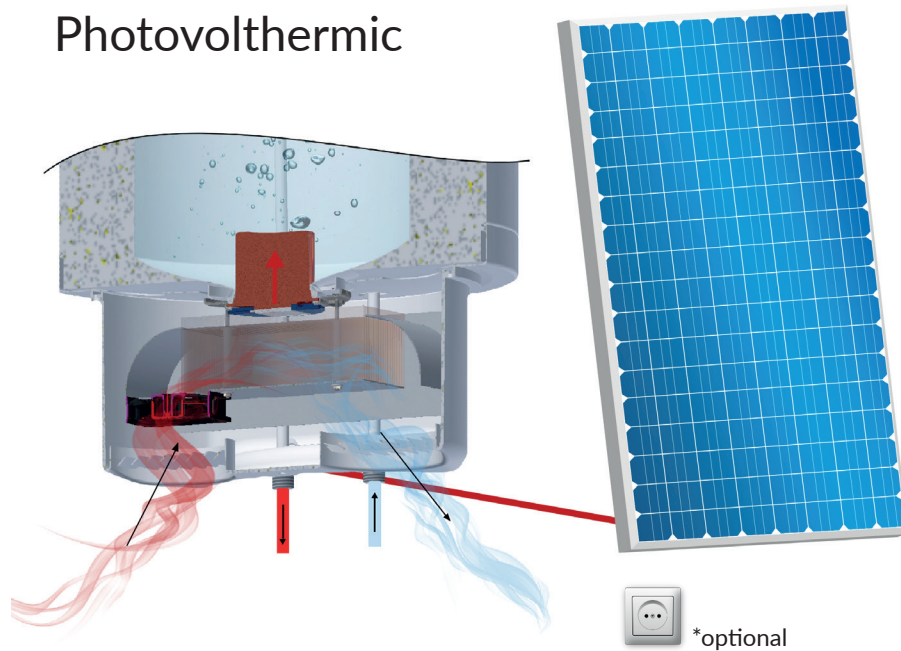


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*Hot water for a cool planet!*

## Photovolthermic



\*optional

## TECHNICAL SPECIFICATIONS

<b>Tank capacity (L)</b>	40
<b>Dimensions (h x w x d) mm</b>	875 x 484 x 471
<b>Material</b>	high quality stainless steel tank
<b>Needed solar module (Wp/V/A)</b>	200-300/48/14
<b>COP (grid/PV)</b>	1,8/2,0
<b>Operating Range (°C)</b>	0-65

## Hot water for a cool planet!

NEXOL has developed the Photovolthermic principle, a new innovative way of solar water heating. Photovolthermic systems not only harvest the electrical energy from solar cells, in addition, they also harvest energy from the environment. This doubles the efficiency of the solar cell, 40% more efficient than conventional water heaters!

## WHY NEXOL WATER HEATERS?



**Clean green energy without any CO<sub>2</sub> emission**

Because the sun is the biggest source of energy



**Very long life span**

The key components are non degrading solid state semiconductors



**Low energy cost**

PV belongs to the cheapest source of energy. In the NEXOL-system the energy is doubled by harvesting energy from the environment



**Easy installation**

The water heater can be connected directly to the solar panel without inverter

### Make your home self-reliant: Install a Nexol water heater

ompared to normal solar-thermal collectors, NEXOL heaters use photovoltaic solar energy. The cost for electricity from the photovoltaic panel is less than 8ct/kWh. Besides the usage with PV, our boiler can also run with electric from the grid. This means you will never run out of warm water.