

G-Energy EV energy accumulator

G-Energy EV is an accumulator that can be used with, e.g., wood, pellet, oil along other water-circulating heating systems.

The accumulator has four heater connections that can be equipped with electric heaters, which will take care of heating water in case the heating system switches off or a fault occurs.

The G-Energy EV accumulator has two coil flanges: the upper flange enables the installation of a domestic hot water coil, and the lower one the installation of a domestic water preheating coil or, for instance, a solar power or other charging coil. The lower charging connections of the accumulator include guide pipes to generate the right kind of heat layering. Coils are to be ordered separately.

The G-Energy EV accumulator comes with a 501L, 1000L, 2000L, 3000L, 4000L or 5000L capacity.

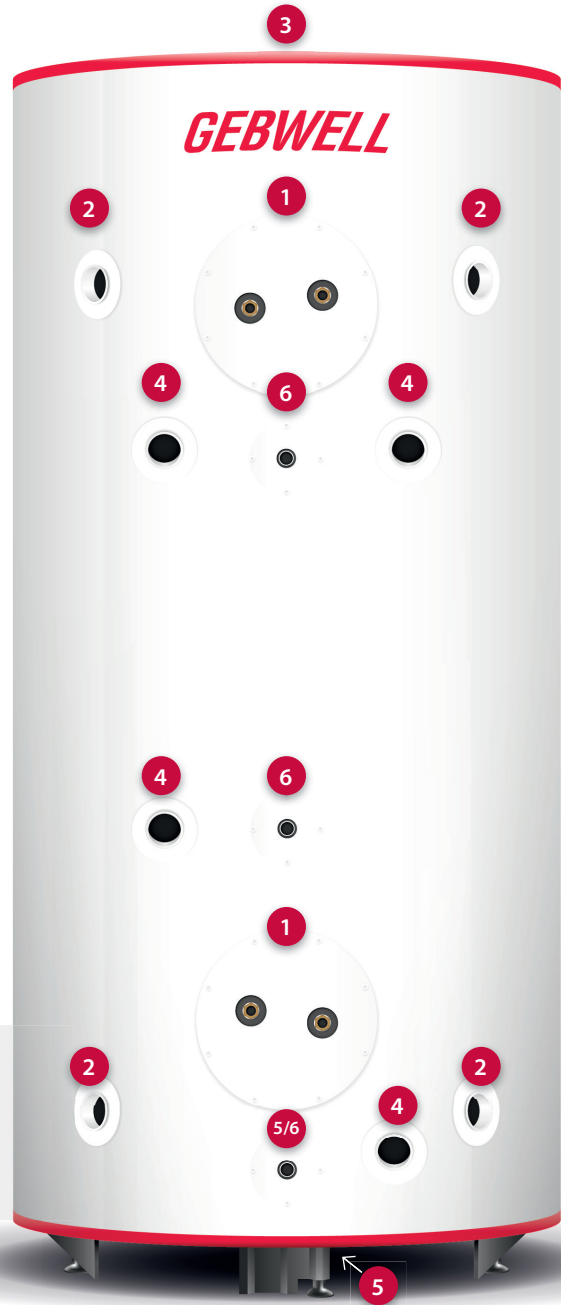
The accumulator tank is made out of steel, primed, and pressure tested. The accumulator insulation is made out of pressure cast closed-cell polyurethane, which has extremely good thermal insulation capacity and minimal thermal loss. As standard, the insulation is made out of detachable segments, which are easy to detach and reattach. The outer surface of the insulation segments is made out of painted steel plate with a protective coating.

The steel framework on the base of the accumulator makes hauling easier. 1,000-litre accumulators are also available in a low-height model. In the model, the steel framework on the base of the accumulator has two parts; the lower section can be removed before installation. The low-height model is 2,000 mm tall with the insulation in place, and 1,980 mm with the insulation detached.

The accumulator has levelling feet with a 60 mm adjustment tolerance that makes it easy to set the accumulator to stand vertically.

Accumulator connections and connection sizes

- 1. Coil flange, Ø 200mm
- 2. Charging/heating, R2"
- 3. Venting, R1"
- 4. Heater, R2"
- 5. Drainage, R1"
- 6. Measurement, R1/2"
the lowermost in front R1" (5/6)



Model		G-Energy EV 501	G-Energy EV 1000	G-Energy EV 2000	G-Energy EV 3000	G-Energy EV 4000	G-Energy EV 5000
GTIN number (64158...)	standard	52380271	52380288	52380295	52380301	52380318	52380325
	low-height		52380790				
Tank capacity	L	501	1000	2000	3000	4000	5000
Height	standard	mm* **	2010 / 2030	2130 / 2150	2200 / 2250	2350 / 2400	2400 / 2450
Height	low-height	mm* **		1980 / 2000			
Diameter		mm**	600 / 780	850 / 1030	1200 / 1380	1400 / 1580	1600 / 1780
Tilt measurement	standard	mm***	2100	2200	2300	2450	2600
Tilt measurement	low-height	mm***		2100			
Weight, kg		kg	180	260	400	470	620
Connection sizes, #2			2"	2"	2"	2"	2"
Max coil size			LK45	LK55	LK90	LK90	LK90
Number of heater connections	pc		4	4	4	4	4
Max heater capacity	kW		12	12	12	12	12
Max temperature	°C		110	110	110	110	110
Max operating pressure	bar		3	3	3	3	3

* +Levelling feet 0-60mm ** Measurements: insulation removed/installed (insulation thickness 90mm) *** Tilt measurement with insulation detached