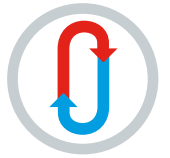


Solar Station  
ESTSOL



# Solar Station ESTSOL

## Technical Data

Model	ESTSOL	ESTSOLFV
Dimensions		
Width	330 mm	
Height	570 mm	
Depth	230 mm	
Insulation	EPP	
Weight	7 kg	6 kg
Controller	SONGUT REG2C Dual-circuit controller with 3 x Pt1000- sensors	No controller necessary
Connections		
Collector	Rp $\frac{3}{4}$ IT	G1 ET
Tank	Rp $\frac{3}{4}$ IT	G1 ET
Expansion vessel	G $\frac{3}{4}$ IT (swivel nut)	G $\frac{3}{4}$ ET
Medium	water with max. 50 % propylene-glycol	
Nominal width	DN 15	
Operating temperature flow	140°C	160°C
Operating temperature return	120°C	95°C
Operating pressure	max. 6 bar	max. 8 bar
Charge pump	230 V / 50 Hz	8 – 24 V (DC)
Power input	min. 34 W (level 1)	16 W
	max. 82 W (level 3)	

## Advantages:

### Required space:

- compact construction
- minimal external piping – directly attached to tank

### Comfort:

- plug-in delivery
- easy installation on fwss tank
- maintenance free
- no wear parts
- twice the safety due to two gravitational brakes
- wall fastening feasible
- impressive and clean design with hidden piping

### Technology:

- for up to 25 m<sup>2</sup> solar collectors
- thermally insulated model
- multi-functional ball valves with integrated gravitational brakes
- flow rate adjustable from 1 to 10 l/min
- flow and return temperature indicator
- manometer (range 10 bar)
- solar safety valve (reaction pressure 6 bar)
- flow indicator with rinse and stop function
- kfe-valve for easy filling, rinsing and draining

### Specific advantages ESTSOL:

- dual-circuit solar controller with system status display
- air-jet with manual deaeration-nipple

### Specific advantages ESTSOLFV:

- self-sustaining operating is possible
- no solar-controller necessary
- high-efficient DC pump

### Function:

The Solarstation ESTSOL connects up to 25 m<sup>2</sup> solar collectors to the DIR or hot water tank DACS. The integrated dual-circuit controller works with three Pt1000 sensors, which control the collector and tank temperatures, and regulates the charge pump.

ESTSOLFV



ESTSOL

