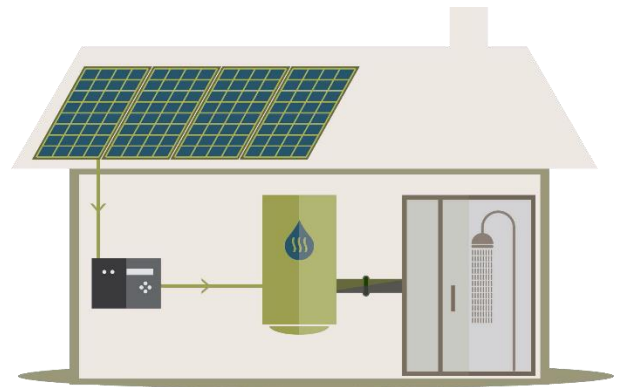


t[☀]hermosol

An alternative and lucrative way for heating water with the help of photovoltaics.

- ✓ Easy to install
- ✓ Long life
- ✓ No operating costs



ThermoSol is bulgarian controller for off-grid direct current electrical power for heating element (boiler) direct from the photovoltaic modules.



MADE IN BULGARIA



Technical specifications

Model	K2
Input (AC)	
Input voltage	230V +- 10% ~ 50 Hz
Output (AC)	
Max output current	16 A
Input (DC)	
Max PV power	1500 W
Max input current	10,0 A
Min DC power	60 V
Max DC power	180 V
Output (DC)	
Recommended heating element	
1 kW, 4 x 250 W PV modules	2-3 kW heating element
0.8 kW, 4 x 200 W PV modules	1.2-1.5 kW heating element
Mechanical specifications of the box	
Cooling	natural convection
Working temperature	+5 . . +30 °C
Working humidity	max 75 %
Storage temperature	-20 . . +60 °C
Storage humidity	max 90 %
DC switch	built-in
Display	LCD 2 x 20 symbols
Control elements	6 buttons
Thermistor	NTC 10 kΩ at 25 °C, d5x40
Max heating temperature	90 °C
Protection	IP20
Dimensions, weight (kg)	250 x 160 x 60 mm, 1 kg



thermosol-bg.com

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