



## CARAVAN WATER HEATER 10 LITER

Hot water by the power of the sun in the most beautiful places in the world

Photovoltaic modules plugged directly into the water heater provide the energy. Alternatively, the boiler can be connected to a 12 V or 24 V on-board battery. When the battery has reached a defined state of charge, the photovoltaic boiler switches on automatically.

Electrical surpluses can thus be stored in the water heater.

A second display conveniently shows the temperature of the boiler in the living area of the caravan.

The photovoltaic boiler produces hot water free of charge, climate neutral and independent.



### INDEPENDENCE

Hot water supply independent of the 230V power grid. Photovoltaic energy can be used even without 230V connection.



### POSSIBLE BATTERY OPERATION

Use of excess energy from a 12 V or 24 V battery to heat the water.



### ANTI-FREEZE

Easy draining of water in winter to avoid frost damage.



### EASY INSTALLATION

The photovoltaic modules are connected directly to the water heater. Due to the low voltage, no electrician is required for the installation.



### QUALITY

Highest quality and safety standards thanks to a safety temperature limit, a magnesium anode, enameled protection and a check valve.



### INNOVATIVE MPP TRACKER

Integrated MPP tracker for maximum photovoltaic yield.

	UNIT	10 LITER CARAVAN
<b>PHOTOVOLTAIC WATER HEATER</b>		
Product model	–	CPVB-10
Volume	l	9,5
Rated pressure	MPa	0,7
IP classe	–	X1
Gross weight (± 3%)	kg	8
Dimensions (length, width, height)	cm	44x33x30
Check and pressure relief valve	–	✓
Cathode protection	–	✓
Emailed protection	–	✓
Insulation	–	✓
Water connection	–	G ½ (M)
Integrated reverse polarity protection	–	✓
Digital display	–	✓
CE - certified	–	✓
<b>PHOTOVOLTAIC INPUT</b>		
Max. photovoltaic heating power	W	550
Max. photovoltaic current consumption	A	15,5
Max. water temperature adjustment range	°C	5 - 65
Integrated MPP tracker	–	✓
Recommended photovoltaic power	W <sub>p</sub>	100 – 300
Max. connected photovoltaic power	W <sub>p</sub>	2000
Max. open circuit voltage	V <sub>oc</sub>	42,4
Photovoltaic connector	–	MC4
<b>REHEATING VIA 230 V POWER GRID</b>		
Type of reheating		Power supply unit (12V, 18V or 24V)
Heating power	W	60 (12V), 160 (18V) or 240 (24V)
Max. water temperature adjustment range	°C	5 - 65
<b>HEATING VIA RECHARGEABLE BATTERY</b>		
Recommended technology		LFP, lead acid
Voltage level	V	12 or 24
<b>WATER HEATING DEPENDING ON THE CURRENTLY AVAILABLE PHOTOVOLTAIC POWER</b>		
200 W	°C/h	18
400 W	°C/h	36
550 W	°C/h	50

IN PARTNERSHIP WITH

