

TECHNICAL DATA

PV INPUT

Maximum power (Pmax)	2.4 kW
Open-Circuit Voltage (Voc)	250 V
Current at Pmax (Imp)	14 A
MPPT voltage range	60 – 200 V

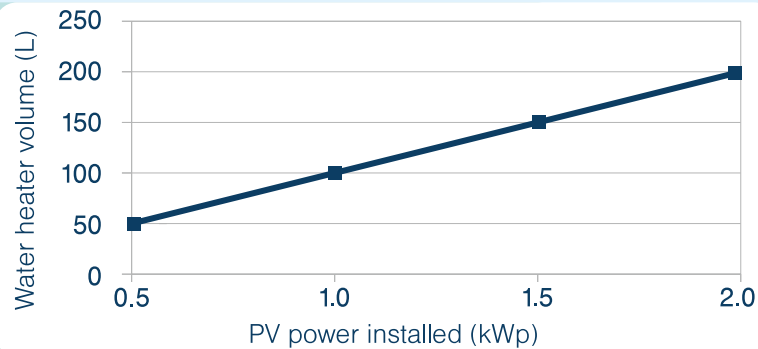
AC INPUT

Voltage	230 V, 50 Hz
Maximum switching current	16 A

OUTPUT

Heater power	1 – 3 kW
Compatible with thermostat/AC switch	YES
Maximum efficiency	≥ 98%

RECOMMENDED CONFIGURATIONS



ANNUAL STATISTICS

Average annual production for PV system having power of 1.5 kWp and 150 liter water heater

Solar energy produced	2 000 kWh
Water heater cycles	228
Heated water volume (from 15 to 60 °C)	34 300 L



technogamma
www.volticbg.com

VOLTIC



**Innovative system
for water heating from the sun,
saving up to 70%
of the hot water bill**



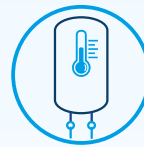
- 1 PV (Photovoltaic) panels
- 2 VOLTIC controller
- 3 Electric water heater



VOLTIC

Save up to 70%
of your hot water bill,
using clean solar energy!

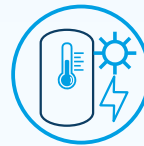
CHARACTERISTICS



Direct connection
Standard electric water heater is used



MPPT technology
High efficiency and full PV energy utilization



Hot water at all times
Automatic switching to mains when needed



Analysis
The mobile application allows access to energy produced statistics

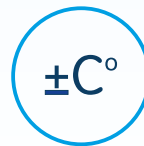


Reliable
Panels life over 25 years with no risk of overheating and freezing

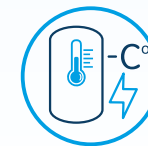


Powerful
Capacity up to 2.4 kW, suitable for water heaters up to 300 liters

ADVANTAGES OVER SOLAR COLLECTORS



Risk free
from overheating or freezing



Increased efficiency
at low temperatures



Maintenance free



Easy to install
no pipes, using just two cables