

# ECO SOLAR BOOST VOLT POLSKA

## GREEN BOOST MPPT 3000 (120-350VDC)

The eco solar boost - **Green Boost 3000 (DC 120-350V)** is designed to power heating devices such as boilers, heaters, electric heaters or heating mats directly from PV panels.

The system requires: 4 to 9 typical PV panels (250W - 400W) connected in series, with a total voltage from 120V to 350V.

Our inverter is equipped with internal maximum power protection of 3kW. However, the total power of the panels connected to the inverter should not be higher than 5kW.

**Green Boost 3000 (DC 120-350V)** allows to connect two heating devices (e.g. two boilers). One will be heated first and the second one will be heated only, if the thermostat of the first one stops receiving energy from the inverter. This ensures that energy from the PV panels will not be lost when one of the units reaches a set temperature.

**Green Boost 3000 (DC 120-350V)** is equipped with MPPT. Thanks to that, the inverter will automatically adjust to the power of boiler and maximizes the amount of energy drawn from PV panels.

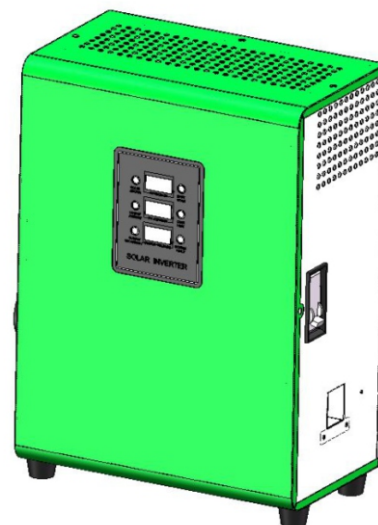
### Technical data:

MODEL	3000
Max constant power	3000W
Output voltage from panels PV	120VDC ~ 350VDC
Output voltage	120 - 245 VAC / 50Hz
Output voltage waveform	Modified sine wave
Power connector (input)	MC4-2pcs
Output socket	2 pcs
Overload protection	Yes
Short circuit protection	Yes
Thermal protection	100°C
Operating temperature	(-)25 °C ÷ 55 °C
Efficiency	> 95%
Cooling	Active
Dimensions	311x232x140mm
Weight	3,3kg
Gross dimensions	400x330x205mm
Gross weight	4,3kg
Multipack dimensions	400x330x205mm
Multipack weight	4,3kg

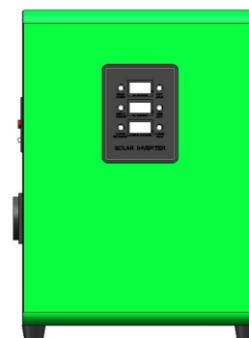
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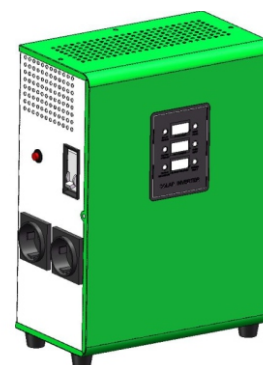
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