

ECO SOLAR BOOST VOLT POLSKA

GREEN BOOST PRO 5000 SINUS (160-500VDC)

The eco solar **GREEN BOOST PRO 5000 SINUS BYPASS** is designed to power up heating devices **both from solar panels PV and the power grid**.

The eco solar boost **GREEN BOOST PRO 5000 SINUS BYPASS** 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.

What makes the eco solar GREEN BOOST PRO 5000 SINUS BYPASS stand out?

- **Multifunctionality (BYPASS)** - the converter can be connected to both solar panels and the power grid.
- **Pure sine wave** - the converter produces a "sinusoidal" voltage at the **output**. Therefore, it can power up inductive devices, including: power tools, air conditioners, refrigerators, freezers etc.

How does the GREEN BOOST PRO 5000 SINUS BYPASS work?

The direct current (DC) produced by solar panels is not suitable for powering up heating devices. The GREEN BOOST PRO 5000 SINUS BYPASS **converts the direct current (DC) into alternating current (AC) which can be used to power up heating devices**. The panels should be connected in series with a total voltage of Vmp up to 500V. Imp is 15A.

What devices does the GREEN BOOST PRO 5000 SINUS BYPASS power up? Electric boilers, radiators, electric heaters

Technical data:

Max constant power	5000W
Output voltage	70-245 VAC / 50Hz
Output voltage from panels PV (Voc)	160VDC-500VDC
Max power of panels PV	≤ 5000W
Maximum DC current from panels (Imp)	15A
Output voltage waveform	Pure sine wave
Connection of panels PV	In series
Output socket	1pcs/1Terminal strip
Operating mode	MPPT / STABLE
Display	LED
Overload protection	Yes
Short circuit protection	Yes
Thermal protection	Yes 100±10°C
Cooling	Active fans
Operating temperature	(-)25 °C ÷ 55 °C
Storage temperature	(-)20 °C ÷ 55 °C
Dimensions	311x232x140mm (z MC-4)
Weight	5,2kg
Gross dimensions	400x330x205mm
Gross weight	6,5kg

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