GREEN BOOST PRO 4000 SINUS BYPASS (160-500VDC) SOLAR INVERTER

REGULAR RANGE

PRODUCT CODE
3SR3000003

EAN
5904100451630

CATEGORY
Solar inverters and energy storage systems

SUBCATEGORY
GREEN BOOST solar inverters (for water heating, without battery)

PRODUCT PAGE
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ABOUT THE PRODUCT

The GREEN BOOST PRO 4000 SINUS BYPASS solar inverter is used to power heating devices from PV solar panels and the mains power grid. The BYPASS function enables the device to be connected to both power sources.

The inverter converts the direct current generated by solar panels into alternating current. It produces an output voltage with a pure sine wave, allowing it to power inductive devices such as power tools, air conditioners, refrigerators and freezers.

The device can power electric water heaters, heaters, electric heating elements, electric mats and underfloor heating. The solar panels must be connected in series to obtain a total Voc voltage in the range of 160VDC-500VDC. The maximum current DC from the panels (Imp) is 10A.

In W STABLE mode, to obtain a stable output voltage 230V, the recommended open-circuit voltage of the panels is 400Voc. The minimum open-circuit voltage of the panels ensuring an output voltage of 230V is 320Voc.

TECHNICAL SPECIFICATIONS

General Parameters	**Maximum power**	4000W
	Operating mode	MPPT / STABLE
	Display	LED
	Cooling	Active fans
Output Parameters (AC)	**Output voltage range**	70-245 VAC / 50Hz
	Output voltage type	Pure sine wave
	Output socket	2 pcs

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TECHNICAL SPECIFICATIONS - CONTINUED

Solar panel (PV)	**Maximum PV panel power**	≤ 4000W
	Voc voltage range from panels	160VDC-500VDC
	Maximum current DC from panels (Imp)	10A
	Solar panel connection	In series
Protection	**Overload protection**	YES
	Short-circuit protection	YES
	Overheating protection	YES (100±10°C)
	Warnings	Audible and visual signals
Operating Environment	**Operating temperature**	-25°C to +55°C
	Storage temperature	-20°C to +55°C
	Ingress protection rating	IP20
Dimensions/Weight	**Device dimensions**	311 x 232 x 140 mm (including MC-4)
	Device weight	4,7 kg
	Individual package dimensions	400 x 330 x 205 mm
	Individual package weight	6 kg

PRODUCT GALLERY





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