GREEN BOOST 3000 BYPASS (120-350VDC) SOLAR CONVERTER

REGULAR RANGE

PRODUCT CODE
3SR3000005

EAN
5904100451784

CATEGORY
Solar inverters and energy storage systems

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

PRODUCT PAGE
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ABOUT THE PRODUCT

The GREEN BOOST 3000 BYPASS (120-350VDC) solar converter is used to power heating appliances directly from photovoltaic panels. It converts the direct current generated by the panels into alternating current intended to power heating appliances.

With the BYPASS function, the device can be connected both to solar panels and to the power grid. The system is simple and functional.

The converter can power electric boilers, heaters, electric heating elements, electric mats and underfloor heating.

TECHNICAL SPECIFICATIONS

General Parameters	**Maximum power**	3000W
	Output / Efficiency	>95%
	Operating mode	MPPT / STABLE
	Display	LED
	Cooling	Active, fans
Output Parameters (AC)	**Output voltage range**	120 - 245 VAC
	Output voltage type	Modified sine wave
	Output voltage frequency	50 Hz
	Output socket	2 pcs.

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TECHNICAL SPECIFICATIONS - CONTINUED

Solar panel (PV) and Power Supply	**Maximum PV panel power**	≤ 4500W
	Voc voltage range from panels	120VDC - 350VDC
	Maximum current DC from panels (Imp)	14A
	Solar panel connection	Series or series-parallel
	Power connector (input)	Plugs MC4 (female-male) + mains plug AC
Protection	**Overload protection**	YES
	Short-circuit protection	YES
	Overvoltage protection	YES
	Overheating protection	YES (100±10°C)
	Warnings	Audible and visual signals
Operating Environment	**Operating temperature**	-25°C ÷ 55°C
	Storage temperature	-20°C ÷ 55°C
	Protection rating (IP)	IP21
Dimensions/Weight	**Device dimensions**	311 x 232 x 140 mm (including MC-4)
	Net weight	3,9 kg
	Individual packaging dimensions	400 x 330 x 205 mm
	Unit packaging weight	5,2 kg

PRODUCT GALLERY









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