GREEN BOOST 3000 (120-350VDC) SOLAR INVERTER

REGULAR RANGE

PRODUCT CODE
3SR3000001

EAN
5904100451487

CATEGORY
Solar inverters and energy storage systems

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

PRODUCT PAGE
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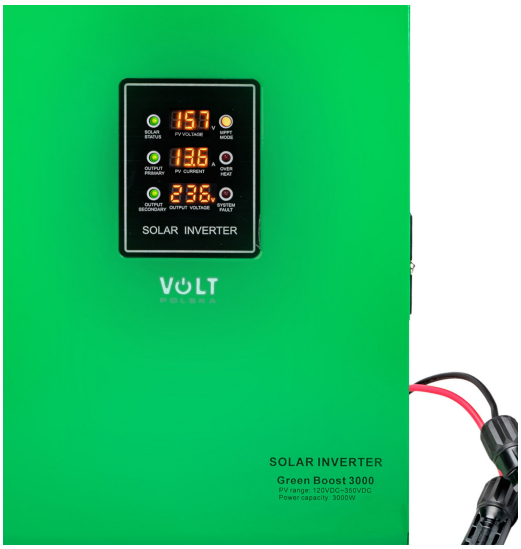

ABOUT THE PRODUCT

GREEN BOOST 3000 (120-350VDC) is a solar inverter for water heating and powering heating devices directly from photovoltaic panels. The system enables the use of direct current generated by PV panels, which is converted into alternating current in the inverter.

The device can power electric water heaters, heaters, electric heating elements, electric mats and underfloor heating. The inverter operates in MPPT / STABLE mode and is equipped with two output sockets with operating priority.

The maximum device power is 3000W, and the maximum PV panel power is ≤ 4500W. The inverter supports a Voc voltage range from the panels of 120VDC~350VDC and a maximum current of DC from the panels (Imp) 14ADC. / device efficiency is >95%.

TECHNICAL SPECIFICATIONS

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

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TECHNICAL SPECIFICATIONS - CONTINUED

Solar panel (PV)	**Maximum PV panel power**	≤ 4500W
	Voc voltage range from panels	120VDC~350VDC
	Maximum current DC from panels (Imp)	14ADC
	Solar panel connection	In series or in series-parallel
	Power connector (input)	MC4 (female-male)
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
	Ingress protection class / Protection degree	IP21
Dimensions/Weight	**Device dimensions**	311 x 232 x 140 mm (including MC-4)
	Net weight	3,3 kg
	Single-package dimensions	400 x 330 x 205 mm
	Unit packaging weight	4,3 kg

PRODUCT GALLERY









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