GREEN BOOST 4000 BYPASS (160-350VDC) SOLAR CONVERTER

REGULAR RANGE

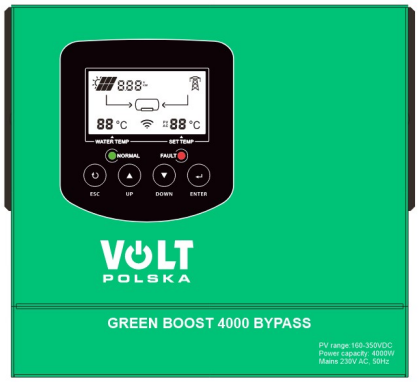
PRODUCT CODE
3SR3000004

EAN
5904100451708

CATEGORY
Solar inverters and energy storage systems

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

PRODUCT PAGE
voltpolska.pl/produkty/green-boost-4000-bypass-160-350vdc...



ABOUT THE PRODUCT

GREEN BOOST 4000 BYPASS (160-350VDC) SOLAR CONVERTER is a solar controller designed to power heating devices from photovoltaic panels and the power grid. The BYPASS function enables operation with both power sources.

PV panels must be connected in series, obtaining a total voltage of up to 350V. The controller supports installations with a maximum PV panel power of ≤ 4000W and a maximum input current of 20A.

The device can power electric water heaters, radiators, electric heating elements, electric mats and underfloor heating. It enables operation in MPPT / STABLE mode and uses passive cooling with a heat sink.

TECHNICAL SPECIFICATIONS

General Parameters	**Maximum power (rated)**	4000W
	Operating mode	MPPT / STABLE
	Cooling	Passive (heat sink)
	Minimum heater resistance	≥ 13 Ω (Ohms)
Output Parameters (AC)	**Rated voltage AC**	230 VAC
	Output voltage (Solar)	0 ~ 260 VAC / 50Hz
	Output voltage type	Modified sine wave
	Maximum output current	20A

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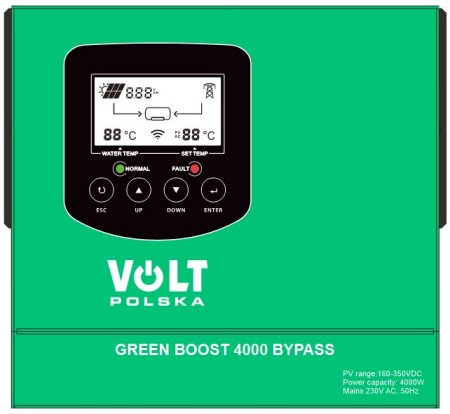
TECHNICAL SPECIFICATIONS - CONTINUED

Solar panel (PV)	**Maximum PV panel power**	≤ 4000W
	PV input voltage range	160 ~ 350 VDC
	Operating range MPPT	120 ~ 340 VDC
	Recommended operating voltage (Vmp)	200 ~ 260 VDC (Optimal)
	Maximum PV input current (Imp)	≤ 20A
	Solar panel connection	In series
Protection	**Overload protection**	Yes
	Short-circuit protection	Yes
	Overheating protection	Yes
Operating environment	**Operating temperature**	-25°C ÷ +55°C
	Storage temperature	-20°C ÷ +55°C
Dimensions/Weight	**Device dimensions**	195 x 183 x 100 mm
	Net weight	2,4 kg
	Package dimensions	255 x 246 x 158 mm
	Gross weight (with box)	2,75 kg

PRODUCT GALLERY





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PRODUCT GALLERY - CONTINUED









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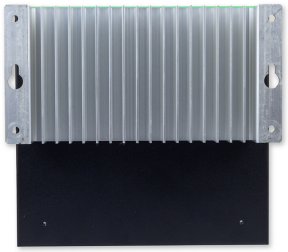







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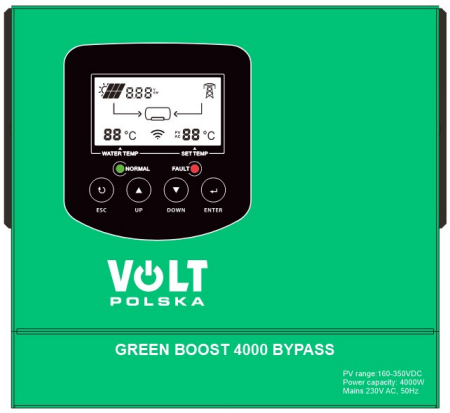





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