SINUS PRO ULTRA 3000 12/230V (1500W/3000VA) SOLAR INVERTER + 100A MPPT (30-500V) + Wi-Fi

REGULAR RANGE



PRODUCT CODE
3SSS150012

EAN
5904100453054

CATEGORY
Solar inverters and energy storage systems

SUBCATEGORY
SINUS PRO ULTRA solar inverters (off-grid, standalone, MPPT, 1F)

PRODUCT PAGE
voltpolska.pl/produkty/sinus-pro-ultra-plus-3000-12230v-1500...

ABOUT THE PRODUCT

SINUS PRO ULTRA 3000 12/230V is an off-grid solar inverter combining the functions of an inverter, solar charger and battery charger. The device provides a pure sine wave and enables operation with systems using 12VDC batteries.

The clear LCD display and buttons allow configuration of the battery charging current, input voltage range and AC/solar charging priority. UTL, SOL, SBU and SUB output priority modes are available.

The inverter is equipped with a MPPT 100A solar controller with a voltage range of 30-500V, an EQ function optimising battery operation, and a function for waking up a deeply discharged battery. The cold-start function enables the device to be started without mains power.

The implemented protections include short-circuit, overload and temperature protection. The device also features a LCD display and Wi-Fi connectivity.

TECHNICAL SPECIFICATIONS

Voltage		12VDC
No-load power consumption		30W
Inverter output	**Maximum surge power**	3000VA
	Maximum continuous power	1500VA / 1500W
	Output voltage range (battery mode)	220VAC-230VAC+-5%
	Transfer time	10ms (Home computers); 20ms (Home appliances)

TECHNICAL SPECIFICATIONS - CONTINUED

Input mains	**Voltage**	230VAC
	Input voltage range selection	70-280VAC (Home computers); 90-280VAC (Home appliances)
	Frequency range	50Hz / 60Hz
	Maximum mains charging current	60A
Battery	**Battery voltage**	12VDC
	Float voltage	13.5VDC
	Overload protection	16.5VDC
Solar panel	**Max. open-circuit voltage of PV panels (Voc)**	500VDC
	Maximum PV input current (Imp)	15A
	Controller operating range MPPT	30-500VDC (start-up voltage: 40 VDC)
	Max. battery charging current from PV panels	100A
Dimensions/Weight	**Device dimensions**	330x278x98mm+-5%
	Device weight	4,3kg+-5%
	Unit packaging dimensions	402x368x174mm+-5%
	Humidity	5% to 95%
	Operating temperature	-10°C-55°C
	Storage temperature	-15°C-60°C
	Ingress protection rating	IP 21

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PRODUCT GALLERY





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