SINUS PRO ULTRA PLUS 7000 24/230V (3500W/7000VA) SOLAR INVERTER + 100A MPPT (60-500V) + Wi-Fi + RS485



REGULAR RANGE

PRODUCT CODE
3SSS350024

EAN
5904100453078

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-7000-24230v-3500...

ABOUT THE PRODUCT

SINUS PRO ULTRA PLUS 7000 is an off-grid solar inverter combining the functions of an inverter, solar charger and battery charger. The device provides a pure sine wave, cold-start functionality and is compatible with the Ultra 5 energy storage system. The clear LCD display and buttons enable configuration of the input voltage range, battery charging current and AC/solar charging priority.

The inverter is equipped with a 100A MPPT (60-500V) solar controller, supports the UTL, SOL, SBU and SUB output priorities, and enables parameter monitoring via Wi-Fi. The RS485 interface enables communication with the device. Short-circuit, overload and overtemperature protection increases operating safety.

The deeply discharged battery wake-up function enables reactivation of a lithium battery using an activation pulse lasting from 6 to 300 seconds. The EQ function is used to equalize the voltage between cells, optimize performance and extend the service life of lead-acid batteries with liquid electrolyte.

W off-grid mode, energy obtained from solar panels is stored in batteries and then supplied to the connected load. The device can power, among other things, consumer electronics and household appliances, office equipment, power tools, pumps and compressors. For photovoltaic systems, batteries designed for cyclic operation are recommended, such as gel GEL VPRO SOLAR, DEEP CYCLE VPRO SOLAR or lithium LiFePO4 batteries. The battery type and charging current must be selected appropriately.

TECHNICAL SPECIFICATIONS

Voltage	24VDC
No-load power consumption	30W

VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot
NIP 5851458032 | REGON 221142660
KRS 0000372066

voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

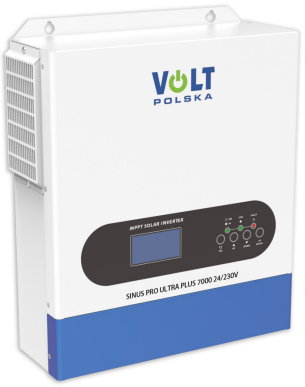
GENERATED: 2026-10-30 15:05

TECHNICAL SPECIFICATIONS - CONTINUED

Inverter output	**Maximum peak power**	7000VA
	Maximum continuous power	3500VA / 3500W
	Output voltage range (battery mode)	220VAC-230VAC+-5%
	Transfer time	10ms (Home computers); 20ms (Household appliances)
Input mains	**Voltage**	230VAC
	Input voltage range selection	170-280VAC (Home computers); 90-280VAC (Household appliances)
	Maximum mains charging current	80A
	Frequency range	50Hz / 60Hz
Battery	**Battery voltage**	24VDC
	Float voltage	27VDC
	Overload protection	32VDC
Solar panel	**Controller operating range MPPT**	60VDC-500VDC (start-up voltage: 70 VDC)
	Maximum PV panel open-circuit voltage (Voc)	500VDC
	Maximum PV input current (Imp)	15A
	Maximum battery charging current from PV panels	100A
Dimensions/Weight	**Device dimensions**	358x295x105mm+-5%
	Device weight	6,05kg+-5%
	Unit package dimensions	402x368x174mm+-5%
	Unit package weight	7,25+-5%
Other	**Humidity**	5% to 95%
	Operating temperature	-10°C-55°C
	Storage temperature	-15°C-60°C
	Ingress protection rating	IP21

PRODUCT GALLERY





VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot
NIP 5851458032 | REGON 221142660
KRS 0000372066

voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

This datasheet was generated automatically; technical data and images are for reference only and may change without notice. To the extent permitted by law, VOLT POLSKA accepts no liability for any errors or inaccuracies in this datasheet.