SINUS PRO ULTRA-HV 11000 48/230V (5200W/11000VA) SOLAR INVERTER + 100A MPPT (450V) OFF-GRID

REGULAR RANGE

PRODUCT CODE
3SSHV50048

EAN
5904100452132

CATEGORY
Solar inverters and energy storage systems

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

PRODUCT PAGE
voltpolska.pl/produkty/sinus-pro-ultra-hv-11000-48230v-5200...



ABOUT THE PRODUCT

SINUS PRO ULTRA-HV 11000 48/230V (5200W/11000VA) is a solar inverter for operation in an off-grid system, equipped with a high-voltage MPPT 100A (450V) controller. The device can operate independently of the power grid, storing energy from solar panels in batteries and supplying it to connected loads.

The inverter generates a pure sine wave voltage, allowing it to power consumer electronics, household appliances, office equipment, power tools, pumps and compressors, including inductive loads. The high voltage enables a larger number of solar panels to be connected in series.

The device parameters can be configured using the LCD display. SolarLife software enables parameter monitoring and control via USB, while the optional WiFi module provides remote control. The inverter is compatible with the Ultra 5 energy storage system and is equipped with short-circuit, overload and temperature protection.

For photovoltaic installations, the use of batteries designed for cyclic operation is recommended, such as gel GEL VPRO SOLAR, DEEP CYCLE VPRO SOLAR or lithium LiFePO4 batteries. Select the appropriate battery type and charging current in the device settings.

TECHNICAL SPECIFICATIONS

Total power (peak)	11000VA
Continuous power	5200W
No-load power consumption	68W
Output voltage waveform	Pure sine wave
Output voltage (inverter)	230VDC
Maximum efficiency (inverter)	90%-93%
Transfer time (inverter)	10ms(UPS)/20ms(APL)
Voltage (input grid)	230VAC

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TECHNICAL SPECIFICATIONS - CONTINUED

Input voltage range (grid)	170~280VAC/90~280VAC/
Frequency range	50Hz/60Hz
Battery voltage	48VDC
Vmp voltage range	150~430VDC
Maximum open-circuit voltage Voc	450VDC
Max. current Imp	80A
Operating temperature	0°C~50°C
Dimensions	295x505x14,2mm +/-3%
Weight	13kg +/-3%

PRODUCT GALLERY





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