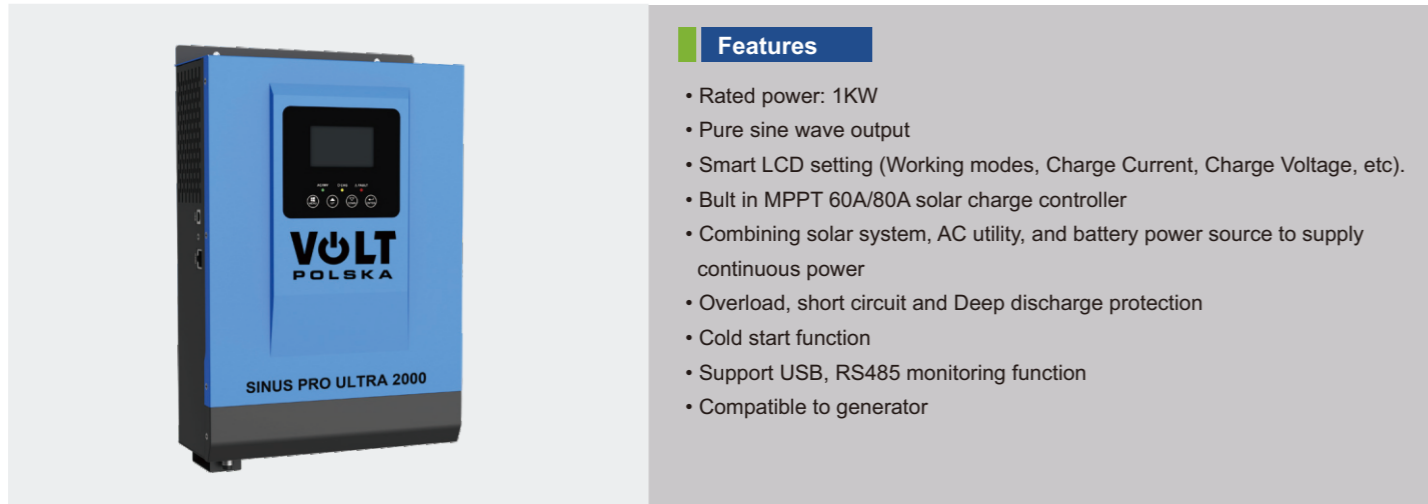


High frequency solar inverter

SINUS PRO ULTRA 2000 12/230V (1000/2000W) + 60A MPPT

INDEKS: 3SSH100012

EAN: 5904100450749



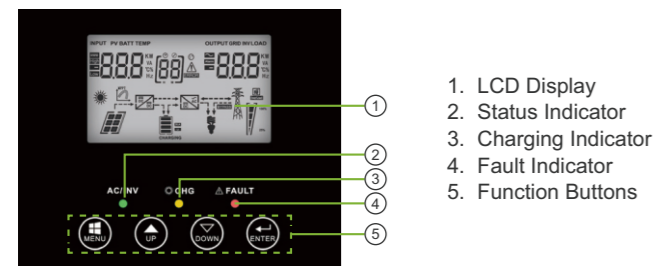
Features

- Rated power: 1KW
- Pure sine wave output
- Smart LCD setting (Working modes, Charge Current, Charge Voltage, etc).
- Built in MPPT 60A/80A solar charge controller
- Combining solar system, AC utility, and battery power source to supply continuous power
- Overload, short circuit and Deep discharge protection
- Cold start function
- Support USB, RS485 monitoring function
- Compatible to generator

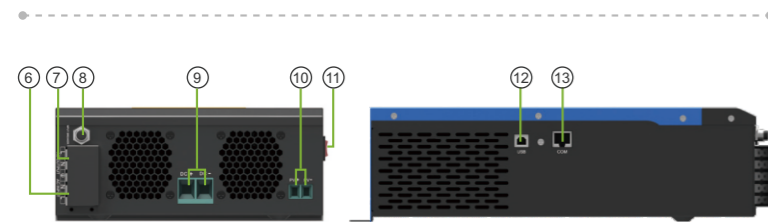
Introduction

This is a multi-function inverter/charger, combining functions of inverter, MPPT 60A/80A solar charger and battery charger to offer uninterruptible power support with portable size. Its comprehensive LCD display offers user-configurable and easy-accessible button operation such as battery charging current, AC/solar charger priority, and acceptable input voltage based on different applications.

Back panel printing description



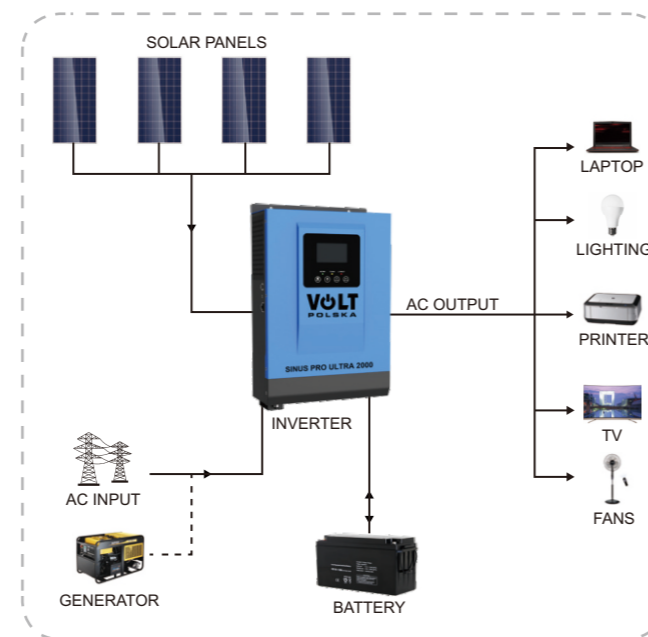
1. LCD Display
2. Status Indicator
3. Charging Indicator
4. Fault Indicator
5. Function Buttons



[SINUS PRO ULTRA 2000]

6. AC input
7. AC output
8. Circuit breaker
9. Battery input
10. PV input
11. Power on/off switch
12. RS-485 Communication port
13. USB

Solar system connection



Specification

MODEL	SINUS PRO ULTRA 2000		
Default Battery System Voltage		12VDC	
INVERTER OUTPUT	Rated Power	1000VA / 1000W	
	Surge Power	2000VA	
	Waveform	Pure sine wave	
	AC Voltage Regulation (Batt.Mode)	220VAC~240VAC(Setting)	
	Inverter Efficiency(Peak)	90%~93%	
	Transfer Time	10ms(UPS / VDE4105) / 20ms(APL)	
	AC INPUT	Voltage	230VAC
Selectable Voltage Range		170~280VAC(UPS) / 90~280VAC(APL) / 184~253VAC(VDE)	
Frequency Range		50Hz / 60Hz (Auto sensing)	
BATTERY	Normal voltage	12VDC	
	Floating Charge Voltage	13.7VDC	
	Overcharge Protection	15VDC	
SOLAR CHARGER & AC CHARGER"	Maximum PV Array Open Circuit Voltage	75VDC	
	PV Array MPPT Voltage Range Vmp	15~105VDC	
	Standby Power Consumption	2W	
	Maximum Solar Charge Current	Imp up to 60A	
	Maximum Efficiency	98%	
	Maximum AC Charge Current	10A or 20A	
	Maximum Charge Current	70A	
	MECHANICAL SPECIFICATIONS	Machine Dimensions	224x337x97mm
		Gross Dimensions (Single Packaging)	410x300x178mm
		Net Weight	5kg
Gross Weight (Single Packaging)		5.4kg	
OTHER	Humidity	5% to 95% Relativ Humidity (Non-condensing)	
	Operating Temperature	0°C~50°C	
	Storage Temperature	-15°C -60°C	



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