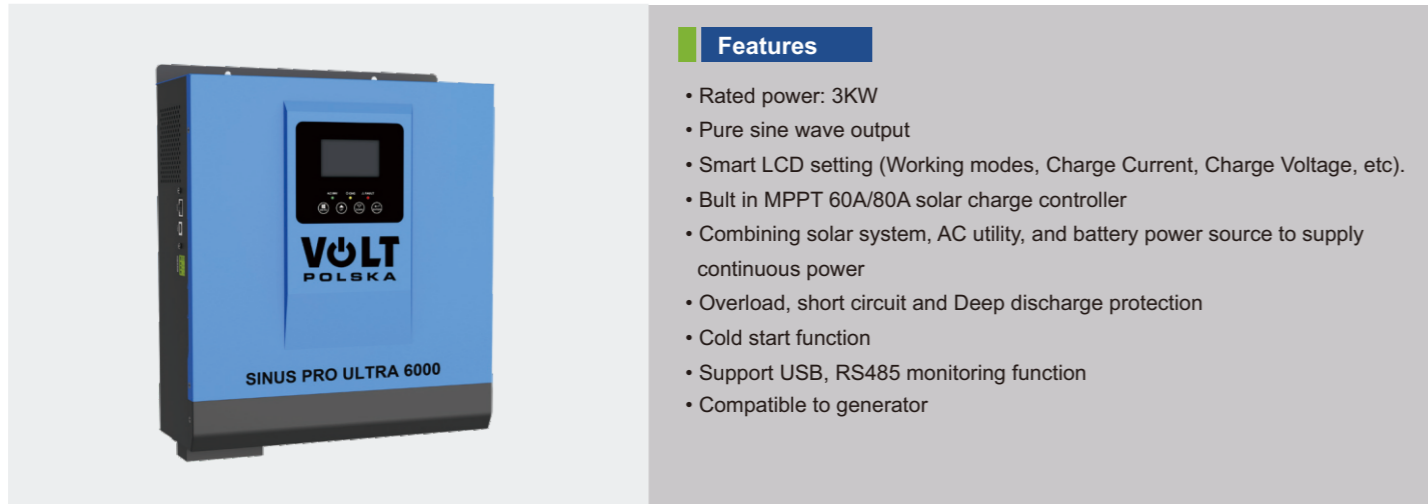


## High frequency solar inverter

# SINUS PRO ULTRA 6000 24/230V (3000/6000W) + 60A MPPT

INDEKS: 3SSH30024

EAN: 5904100450756



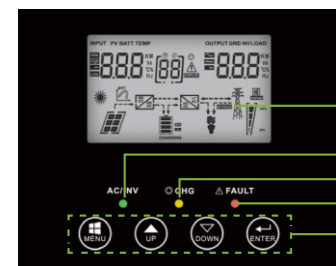
### Features

- Rated power: 3KW
- 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

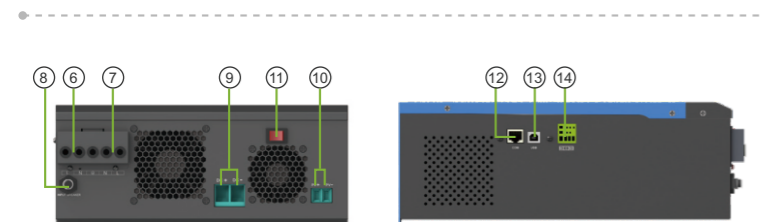
### Introduction

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



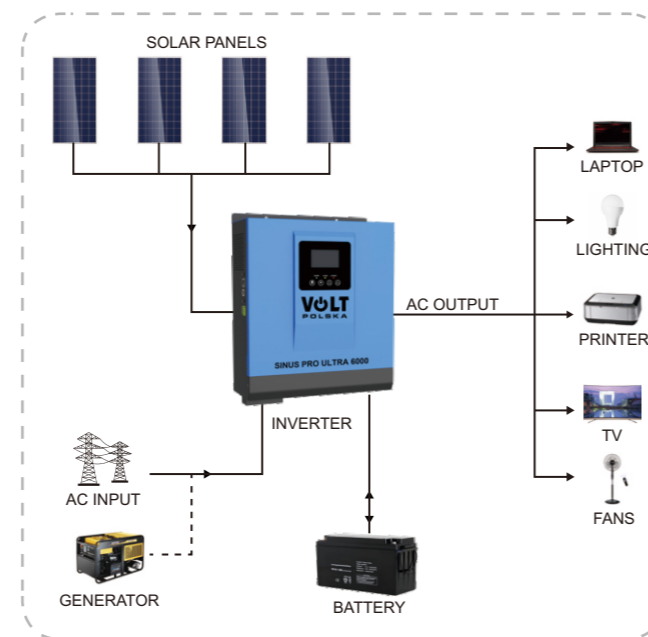
1. LCD Display
2. Status Indicator
3. Charging Indicator
4. Fault Indicator
5. Function Buttons



[ SINUS PRO ULTRA 6000 ]

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
14. Dry contact

### Solar system connection



### Specification

| MODEL                          | SINUS PRO ULTRA 6000                  |  |
|--------------------------------|---------------------------------------|--|
| Default Battery System Voltage |                                       | 24VDC  |
| INVERTER OUTPUT                | Rated Power                           | 3000VA / 3000W                                     |
|                                | Surge Power                           | 6000VA   |
|                                | 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  |
| Selectable Voltage Range       |                                       | 170~280VAC(UPS) / 90~280VAC(APL) / 184~253VAC(VDE) |
| Frequency Range                |                                       | 50Hz / 60Hz (Auto sensing)                         |
| BATTERY                        | Normal voltage                        | 24VDC  |
|                                | Floating Charge Voltage               | 27.4VDC  |
|                                | Overcharge Protection                 | 30VDC  |
| SOLAR CHARGER & AC CHARGER"    | Maximum PV Array Open Circuit Voltage | 145VDC   |
|                                | PV Array MPPT Voltage Range Vmp       | 30~120VDC  |
|                                | Standby Power Consumption             | 2W   |
|                                | Maximum Solar Charge Current          | Imp up to 60A                                      |
|                                | Maximum Efficiency                    | 98%  |
|                                | Maximum AC Charge Current             | 20A or 30A   |
|                                | Maximum Charge Current                | 80A  |
| MECHANICAL SPECIFICATIONS      | Machine Dimensions                    | 290x342x118mm                                      |
|                                | Gross Dimensions (Single Packaging)   | 425x390x215mm                                      |
|                                | Net Weight                            | 7,3kg  |
|                                | Gross Weight (Single Packaging)       | 8,3kg  |
| 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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