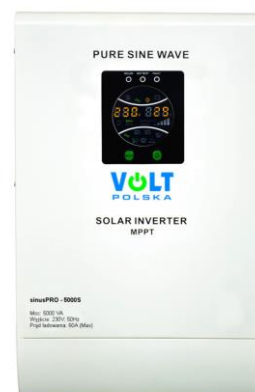
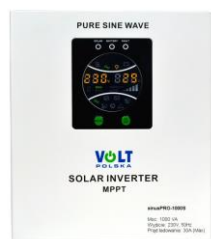


sinusPRO S



PURE SINE WAVE SINUS PRO INVERTER is a combination of a 230V power inverter with a pure sinusoidal output voltage waveform, an MPPT solar charger and a UPS module with a mains charger. Device is equipped with button which can switch off/on the mains charger and change the priority of the power supply (AC / SOLAR).

Main features:

- ✓ device outputs pure sinusoidal output signal, thanks to which the power supply is compatible with, among others: refrigerators, freezers, ventilators, TV sets, fluorescent lamps
- ✓ construction based on an efficient toroidal transformer
- ✓ double control of the main processor
- ✓ high efficient MPPT solar charger
- ✓ wide range of input frequency, 50/60 Hz automatic detection
- ✓ intelligent switching between the power supply's priorities for better performance and lower energy losses
- ✓ full range of protection and alarms: overload, short circuit, over voltage and temperature protection
- ✓ an easy-to-use display that provides a preview of the most important functions
- ✓ **refreshed version of sinePRO S** has a button that allows you to turn off or on the mains charger. Thanks to this, we can turn off the charging, leaving the BYPASS function active. In solar mode, when the mains charger is switched off and after the battery has been discharged (at night, when there is no charge), the UPS will switch to BYPASS mode without charging the battery

| Model | 500 S | 800 S | 1000 S | 2000 S | 3000 S | 5000 S |
|--------------------------------------|---|--------------|-----------------------|------------|------------------------|----------|
| Continuous power | 300 W | 500 W | 700 W | 1400 W | 2100 W | 3400 W |
| Instantaneous power | 500 VA | 800 VA | 1000 VA | 2000 VA | 3000 VA | 5000 VA |
| Input DC voltage | 12 V | 12 V | 12 V | 24 V | 48 V | 48 V |
| Solar controller | 10 A PWM ~18V 12-25V | | 30 A MPPT ~36V 12-50V | | 60 A MPPT ~72V 48-110V | |
| Mains AC charger | 10 A | | 20 A | | 15 A | |
| Battery charging voltage | 13,8V ± 0,5V | 13,8V ± 0,5V | 13,8V±0,5V | 27,6V±0,5V | 58V±0.5V | 58V±0.5V |
| AVR voltage stabilizer | Tak 140 - 275 VAC | | | | | |
| Range of AC input voltage | Switch to battery mode occurs whe input voltage is lower than 160 V (+- 5 V) or higher than 260 V (+- 5 V) | | | | | |
| Frequency of AC input voltage | 45 Hz ~ 65 Hz | | | | | |
| Range of AC output voltage | AVR: 204 - 240 V, zasilacz awaryjny UPS: 230 V (+- 3%) | | | | | |
| Frequency of AC output voltage | 50 Hz (+- 0,5 Hz) | | | | | |
| Overload protection(DC battery mode) | In case of overload 110 % - 130 % switching off will occur in 30s. If overload is higher than 130 % switching off will occur immediately. | | | | | |
| Overload protection(AC mode) | Device will inform about overload till it switch off. | | | | | |
| Temperature | 0-40 st. C | | | | | |
| Cooling | Heatsinks + fans | | | | | |
| Permitted humidity | 10 % RH ~ 90 % RH | | | | | |
| Mains charger switch | - | - | YES | YES | YES | YES |

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