POWER SINUS 2000 12/230V (2000W/6000VA) UNINTERRUPTIBLE POWER SUPPLY

REGULAR RANGE

PRODUCT CODE
3SSP200012

EAN
5903111886660

CATEGORY
Uninterruptible power supply

SUBCATEGORY
POWER SINUS uninterruptible power supplies (high-power)

PRODUCT PAGE
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ABOUT THE PRODUCT

Power Sinus 2000 12/230V (2000W/6000VA) is an uninterruptible power supply combining the functions of an inverter, charger and automatic AC transfer switch. The device operates as a UPS power supply with a Pure Sine Wave voltage waveform, providing stable voltage and very high starting current. It allows connection of various types of batteries with a voltage of 12V.

The power supply is intended for devices requiring stable power supply and high starting current, such as refrigerators, freezers, compressors and air compressors, pumps and central-heating boilers, gates, motorhomes and solar systems. The pure sine wave at the output corresponds to the voltage waveform used in the power grid, allowing the device to power inductive loads.

Power Sinus 2000 is equipped with overload, short-circuit, overtemperature, undervoltage and battery overcharge protection.

TECHNICAL SPECIFICATIONS

General Parameters	**Continuous power**	2000W
	Total power (instantaneous)	6000VA
	Power factor	0.8 - 1.0 cos φ
	Efficiency	Up to 88% (in inverter mode) / >95% (in mains mode)
	Mains/battery transfer time	10 ms (max)
Input Parameters (Mains)	**Input voltage range (mains)**	184 - 254 VAC (Narrow mode - SW2 pos. 0) / 140 - 270 VAC (Wide mode - SW2 pos. 1)
	Input frequency range	Narrow: 47-55 Hz / Wide: 43-55 Hz

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TECHNICAL SPECIFICATIONS - CONTINUED

Output Parameters (AC)	**Output voltage**	230V
	Output voltage frequency	50 ± 0,3Hz
	Output voltage waveform	Pure sine wave
	Harmonic distortion (THD)	< 10%
Battery and Charging	**Battery voltage**	12 VDC
	Input voltage range (battery)	10,5V - 15V ± 0,5VDC
	Max. charging current	65 ± 5A
	Supported battery types (charging modes)	1. Gel U.S.A. — 14.0V / 13.7V
Bypass and Protection	**Input voltage waveform**	Sine wave (mains or generator)
	Undervoltage cut-off	184V / 154V ±4%
	Undervoltage activation	194V / 164V ±4%
	Overvoltage cut-off	253V ±4%
	Overvoltage activation	243V ±4%
	Protection	Short-circuit protection (with current limiter function after 1s), overcharge, overvoltage and undervoltage protection
General Data and Installation	**Operating temperature**	from -20°C to 40°C; (above 40°C, the load must be reduced; maximum temperature 50°C)
	Humidity	< 95%, non-condensing
	Mounting	Wall-mounted or horizontal installation
	Device dimensions	505.3 x 221.6 x 178.9 mm
	Net weight	18 kg ±3%
	Individual packaging dimensions	670 x 320 x 310 mm
	Unit packaging weight	20,5 kg ±3%

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PRODUCT GALLERY









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