POWER SINUS 6000 24/230V (6000W/18000VA) EMERGENCY POWER SUPPLY

REGULAR RANGE

PRODUCT CODE
3SSP600024

EAN
5904100450046

CATEGORY
Emergency power supply

SUBCATEGORY
POWER SINUS emergency power supplies (high power)

PRODUCT PAGE
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ABOUT THE PRODUCT

POWER SINUS 6000 24/230V (6000W/18000VA) EMERGENCY POWER SUPPLY is a device combining the functions of an inverter, charger and automatic AC switch. It is designed to operate as a UPS power supply with a Pure Sine Wave voltage waveform, providing stable power to devices requiring high starting current.

The power supply is compatible with various types of batteries with a voltage of 24V. It can power, among other things, refrigerators, freezers, compressors and air compressors, pumps and central heating boilers, gates, motorhomes and solar systems.

The pure sine wave output corresponds to the voltage waveform in the power grid, allowing the device to power inductive loads such as power tools, air compressors, air conditioners, refrigerators and freezers.

The device is equipped with overload, short-circuit, overtemperature, undervoltage and battery overcharge protection. Switching between the grid and the battery takes a maximum of 10 ms.

TECHNICAL SPECIFICATIONS

General Parameters	**Continuous power**	6000W
	Total power (instantaneous)	18000VA
	Power factor	0.8 - 1.0 cos φ
	Efficiency	Up to 88% (in inverter mode) / >95% (in grid mode)
	Grid/battery switching time	10 ms (max)
Input Parameters (Grid)	**Input voltage range (grid)**	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**	24 VDC
	Input voltage range (battery)	21V - 30V ± 0,5VDC
	Max. charging current	85 ± 5A
	Supported battery types (charging modes for 24V)*	1. Gel U.S.A. — 28.0V / 27.4V
Bypass and Protection	**Input voltage waveform**	Sine wave (mains or generator)
	Undervoltage cut-off	184V / 154V ±4%
	Undervoltage start-up	194V / 164V ±4%
	Overvoltage cut-off	253V ±4%
	Overvoltage start-up	243V ±4%
	Protection	Short-circuit protection (with current limiter function after 1s), overcharge, overvoltage and undervoltage protection
General Data and Installation	**Mounting**	Wall-mounted or horizontal installation
	Device dimensions	597 x 222,4 x 180,6 mm
	Net weight	32 kg ±3%
	Individual package dimensions	755 x 315 x 310 mm
	Individual package weight	34,5 kg ±3%

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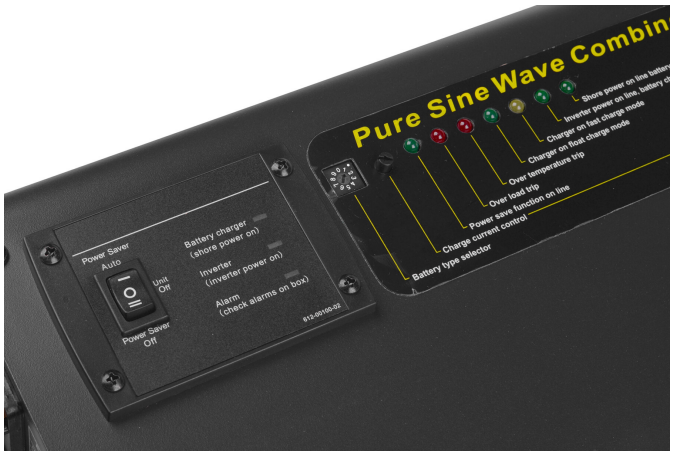
PRODUCT GALLERY











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