SINUS PRO 550 E PLUS 12/230V (350W/550VA) UNINTERRUPTIBLE POWER SUPPLY [AGM, GEL, LIFEPO4]

REGULAR RANGE



PRODUCT CODE
3SPM05012M

EAN
5904100453542

CATEGORY
Uninterruptible power supply

SUBCATEGORY
SINUS PRO E PLUS uninterruptible power supplies (freestanding, AGM/GEL/LiFePO4)

PRODUCT PAGE
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ABOUT THE PRODUCT

SINUS PRO 550 E PLUS 12V is an UPS uninterruptible power supply designed to provide uninterrupted power to installations and devices requiring continuous access to energy. W the event of a mains voltage failure, 230V automatically switches to battery power, enabling the connected devices to continue operating.

The inverter provides a pure sine wave at the output, allowing the device to operate with various types of loads, including inductive devices such as central-heating pumps, furnaces, refrigerators and compressors. The built-in AVR stabiliser protects the powered devices against voltage surges.

The power supply is designed for use with LiFePO4, AGM and GEL batteries. The switching time from mains to battery is less than 4 ms. Intelligent fan control takes the device temperature and current load level into account.

The device is equipped with protection against overload, short circuit, excessive discharge, battery overcharge and excessively high temperature.

TECHNICAL SPECIFICATIONS

General parameters	**Total power (surge)**	550 VA
	Continuous power (constant)	350 W
	Transformer	C.R.G.O transformer
	Display	LED (data types: operation, charging, battery)
Mains input	**Input voltage**	170–270 V AC
	Input frequency	45–65 Hz

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TECHNICAL SPECIFICATIONS - CONTINUED

Inverter output	**Output voltage (inverter mode)**	230 V AC ±3%
	Output voltage (AVR mode)	216–245 V
	Output frequency	50/60 Hz ±0.3 Hz
	Voltage waveform (waveform type)	Pure sine wave
	Waveform distortion	≤3%
	Switching time (mains/battery)	< 4 ms
Battery and charging	**Battery voltage**	12 V DC
	Supported battery types	AGM, GEL, LiFePO4
	Charging voltage	13.9V–14.5V (cyclic) / 13.3V–13.9V (buffer)
	Minimum permissible battery voltage	10.5V–11.5V (AGM) / 10.9V–11.5V (LiFePO4)
	Discharge protection activation point	9.8V–11V (AGM) / 10.6V–11V (LiFePO4)
	Available charging current selection	3A / 5A / 10A
	Maximum charging current	10 A
Protection and environment	**Protection**	Overload, high temperature, high/low output voltage, low battery voltage, short circuit, overcharging, excessive discharge, reverse polarity
	Cooling system	Automatic fan controlled by temperature and load
	Operating temperature	0–40 °C
	Operating humidity	10%–90% RH, non-condensing
	Storage temperature	15–45 °C
Dimensions and weight	**Net dimensions (W x L x H)**	138 × 226 × 155 mm
	Net weight	4,0 kg
	Gross dimensions / of packaging (W x L x H)	285 × 175 × 198 mm
	Gross weight / of packaging	4,2 kg

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PRODUCT GALLERY



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