

Product information sheet

Product number: 1021003357

Date: 08.06.2026

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LEAB
by Micropower Group



Cotek Inverter SD2500 24-230 2,500 W

2,500 W high performance sine wave inverter from Cotek with a type F socket for powering 230 V appliances from a 24 V vehicle electrical system.

- // 230 V pure sine AC voltage
- // Supply of large consumers
- // State of the art technology
- // Parallel power function
- // 3-phase capability

The SD2500 24-230 inverter from Cotek's SD series uses state-of-the-art technology to convert 24 V DC into pure 230 V sine-wave AC with a rated power of 2,500 W. With its N+1 parallel power function and 3-phase capability (1?3W / 3?4W), it enables the implementation of sophisticated industrial power supply systems. At the input, the inverter is protected against reverse polarity, undervoltage and overvoltage; at the output, it is protected against short circuits, overloads and overtemperature.

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Technical Information

Input voltage (DC)	24 V*
Nominal Power	2,500 W*
AC current control	±3 %
Input voltage range	20 ... 32 V
Level of efficiency	? 88 %
Operating temperature	-20 °C ... +60 °C
Output Shaft	Sine Wave
Output Voltage (AC)	230 V
Output frequency	50 Hz/60 Hz ± 0,1 %
Total Harmonic Distortion (THD)	< 3 %
Dimensions (L x W x H)	436 x 283 x 128 mm
Weight	8 kg

*In the chosen option