

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.

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 Power (AC), maximum	3,000 W … 4,000 W (3 sec.)
Output Power (AC), short-time	2,500 W … 3,000 W (3 Min.)
Output Power (AC), surge	>4,000 W (0.2 sec.)
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