

Cotek Inverter SD1500 24-230 1,500 W

1,500 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 SD1500 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 1,500 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.

LEAB by Micropower Group

Technical Information

Input voltage (DC)	24 V*
Nominal Power	1,500 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	1,800 W … 2,400 W (3 sec.)
Output Power (AC), short-time	1,500 W … 1,800 W (3 min.)
Output Power (AC), surge	>2,400 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)	351 x 283 x 128 mm
Weight	5.5 kg

*In the chosen option