

Cotek Inverter SD3500 12-230 3,500 W

3,500 W high performance sine wave inverter from Cotek with a type F socket for powering 230 V appliances from a 12 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 SD3500 12-230 inverter from Cotek's SD series uses state-of-the-art technology to convert 12 V DC into pure 230 V sine-wave AC with a rated power of 3,500 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)	12 V*
Nominal Power	3,500 W*
AC current control	±3 %
Input voltage range	10 … 16 V
Level of efficiency	? 90 %
Operating temperature	-20 °C ... +60 °C
Output Power (AC), maximum	4,500 W … 6,000 W (3 sec.)
Output Power (AC), short-time	3,500 W … 4,500 W (3 min.)
Output Power (AC), surge	>6,000 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)	496 x 283 x 128 mm
Weight	10 kg

*In the chosen option