

AL-KO VTE to meet the growing appetite for energy in RVs

To meet the growing appetite for energy in RVs, AL-KO Vehicle Technology Electronics (VTE) is offering a new range of three pure sine wave inverters with continuous powers from 300 to 1500 W. A 2000 W model will make its debut at this summer's trade shows

Inverters that transform a battery's 12 V current into a 230 V current are becoming more popular, together with solar panels and lithium batteries, as today's campers try to recreate an electrical system as similar as possible to that at home, so they don't have to compromise on comfort when on holiday.

Compared to modified sine wave inverters, pure sine wave inverters are more suitable for powering sensitive equipment that requires a stable waveform, such as televisions, computers, air conditioners, household appliances, electric motors and electronic devices that may not work properly with modified sine wave. Also, these tend to have higher efficiency and produce less electromagnetic interference than other types of inverters.

The new AL-KO VTE inverters in the ERP series, with pure sine wave output, are specially designed for use in motorhomes and cars. They are characterised by high construction quality, reliability and safety - all important aspects of using high amperage direct currents as if they are used in incorrectly sized systems, they could cause overheating. The new inverters are made with a sturdy but light aluminium alloy chassis, yet with reduced dimensions and weight, from 1.4 to 3.9 kg for the three models currently in the range, thanks to HE (High Efficiency) technology.

AL-KO VTE has paid particular attention to safety, with a 'smart' cooling fan controlled according to the load and temperature, as well as a complete series of protective devices against overload, short circuit, overtemperature, too high/low voltage (operating voltage in the 9.5/16 V range).

Complete with a type A USB port to directly power electronic devices such as smartphones and tablets, the AL-KO VTE ERP series inverters are already set up for connection to the MCI3 remote panel to conveniently control the switching on/off of the appliance and check its status via the green LED which indicates activation.

25 August 2023

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AL-KO Vehicle Technology Electronics (VTE), the European leader in electrical and electronic systems for caravanning applications, was born from the merger of CBE and Nordelettronica.

The AL-KO Vehicle Technology Group is a fast-growing, globally active technology group and a business unit of DexKo. With high-quality chassis and suspension components for trailers, leisure and commercial vehicles, as well as construction and agricultural vehicles, the group of companies represents the best in functionality, maximum comfort as well as innovations to ensure greater driving safety. Founded in 1931 the group today has around 3,500 employees and more than 40 sites worldwide. The company owns 17 international brands: AL-KO, Aguti, Bankside Patterson, Bradley, Brink, CBE, cmtrailer parts, De Haan, E&P Hydraulics, Fluid-Press, G&S Chassis, Hume, Nordelettronica, Preston Chassis, SAFIM, SAWIKO and Winterhoff. www.alko-tech.com

DexKo Global Inc. is the world's leading supplier of advanced chassis technology as well as chassis assemblies and related components with more than 130 years of experience in trailer and caravan components. DexKo Global was founded at the end of 2015 through the merger of Dexter and AL-KO Vehicle Technology. With its headquarters in Novi, Michigan/USA, the company employs around 7,000 people with more than 100 production facilities and distribution centers. www.dexko.com

PRESS RELEASE

Technical information

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Model	Cont. power	Peak power	Dimensions mm	Weight
ERP 300	300 W	600 W	236 x 171 x 74	1.4 kg
ERP 600	600 W	1200 W	272 x 171 x 74	1.75 kg
ERP 1500	1500 W	3000 W	375 x 210 x 100	3.9 kg
ERP 2000 with integrated IVT	2000 W	tba	tba	tba