



PRODUCT DATA SHEET

Bertrandt Power Companion V2.0 – Independent Power Supply

THE CHALLENGE

In all areas of vehicle testing, it is of crucial importance that the measuring systems used in the vehicle have an independent power supply in order to reliably prevent drifts and falsification of the measurement results caused by the presence of additional electrical components.

THE SOLUTION

Bertrandt has developed “Bertrandt Power Companion V2.0” as an independent source of energy for the purpose of “embedded measuring” in vehicles. What began in 2009 with model version V 1.0 and was systematically improved in numerous small details until 2012 now has new relevance in the form of model version V 2.0, which has been available since 2014. For years, the developers and system administrators have continuously researched and analyzed the essential requirements of the automotive industry, enabling them to functionally optimize the further development of “Bertrandt Power Companion V2.0” and ensure that it fulfills these requirements.

TECHNICAL FEATURES

- Supply voltage 9 to 16 V DC or 230 V AC / 50 Hz
- Power consumption at 230 V AC: max. 4.5 A
- Weight: approx. 55 kg
- Dimensions: H x W x D approx. 60 x 40 x 50 cm
- Operating temperature range: -20 °C to +50 °C
- Charging current load on the vehicle’s electrical system: up to 50 A
- Max. charging current for vehicle battery: up to 50 A
- Six supply voltage outputs / 12 VDC
- One mains (AC) voltage output / 230 V AC (sinusoidal), 200 W
- Jump start capacity: output current 850 A peak