

For automotive testing

The MIP-500 by Ipetronik is a mobile power unit with lead-fleece battery and energy management for independent on-board supply of measurement systems.

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The product measures 1000 mm x 300 mm x 350 mm and weighs 50 kg (Photo: Ipetronik)

Especially for electric and hybrid vehicles it is necessary that the installed measurement equipment does not effect the electrical system and its energy management. MIP-500 decouples the automotive on-board electrical network from the measurement power supply. Here the stationary AC charging mode (230 V_{AC} mains supply) as well as a DC charging mode (on-board supply) of the built-in high performance battery are supported. According to the company, enabling high charging currents with the AC mode, MIP-500 is charged after a short delay time.

The IP21-rated product comes with a CAN interface for vehicle bus communication. Its working temperature range is -20 °C to +50 °C and the voltage supply ranges from 190 V_{AC} to 265 V_{AC}. An individual in-vehicle mountain kit is available. The power station is suitable for electric and hybrid applications.

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