



## EPS – Datenblatt

### Serie EPS/ZH

The ZH-models operate with the source-sink principle. This means that the units can function, according to requirements, as voltage and current sources as well as current sinks. Rapid curve tracing and especially short reduction times enable their use in applications which previously could only be supported by complex and expensive linear controllers. The integrated active load module is suitable for pulsed operation and can take a peak power of up to 2400W, with an inbuilt thermal overload protection. For selected models up to 400V nominal voltage of the series

- **E/PS 8000 2U**
- **E/PSI 8000 2U**

there is an internal electronic load is available.

The necessary high output capacity can be achieved with a voltage reduction quickly and accurately by a discharge with this load. In the same way the capacity of connected equipment is discharged, whereby a rapid control dynamic of the units is achieved

By the push of a button, by an external trigger signal or using of the internal function manager (E/PSI 8000 only), the voltage trace of an automotive power network according to DIN 40839 can be reproduced.

The starting voltage is fully adjustable and is therefore suitable for all standard voltage, e.g 12V, 24V and the future 42V.

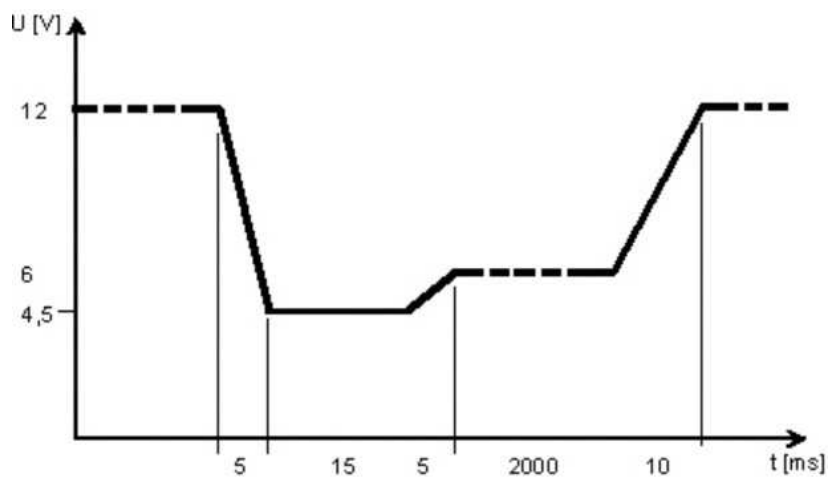


E/PSI 8000-2U

## EPS/ZH Internal load module

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- Internal load module up to 2400W peak pulse power
- Peak pulse current up to 200A
- Continuous power 150W
- Simulation of engine start for car electronic tests
- High current for car HIFI tests
- Voltage up to 80V, also for the 42V automotive net
- Integrated voltage sequence according DIN 40839
- Fast voltage step without external load



Voltage characteristic DIN 40839