

EPS – customer orientation, which makes the difference

1. Flexible:

You decide the output, we scale the unit to match.

2. Economic:

The price/performance ratio ensures ultra-fast amortisation.

3. Price-stable:

You can rely on our prices. For a whole 12 months. (*)

4. Innovative:

All units conform to the very latest state of the art.

5. Perfectly finished:

Quality components + precise finishing = above-average expected life.

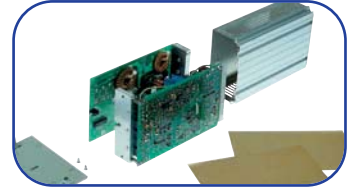
6. Sophisticated in design:

Form and function in perfect harmony.

(*) excluded currency fluctuations

Projection – Development – Production – Test

There are a lot of good reasons why you might need customized Power Supplies. Available standard Power Supplies may not have suitable output values (Power, Voltage, Current). Maybe you have special requirements, like fuse protection, overload protection or safeguards in the case of electrical malfunction. Maybe you need a special size or shape.



Regardless of the specifications of your power supply: We can find a solution for you.

There are plenty of good reasons to choose EPS Power for your power conversion solution. Here are three of them.

1.) Expertise

From helping you develop spec sheets, optimizing your requirements and designing and manufacturing any Power Supply you need, our experience for years means we have the expertise you need. And our service team will always be there to take care of your EPS power products for as long as you use them.

2.) Quality that's "Made in Germany"

That means quality you can see and feel – from the very first consultation to the finished product. Each unit undergoes stringent final testing. All test data is then logged and archived which means we can offer 100% traceability should a problem arise with one of your devices.

3.) Technology

The most advanced power conversion solutions based on microcontroller technology. The highest efficiency and lowest power loss. Long life and high reliability – with a guarantee.

Also we can offer you customized medical Power Supplies, fulfill the increasing requirements of the medical technology. Many of our products are examined for lower ground fault and higher isolation, in order to ensure necessary medical security.

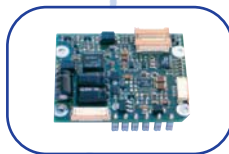
Our Power Supplies are intended for applications in the low capacity range, in the tooth-medical range and for applications of laboratories such as dialysis devices, control units, instrument equipment as well as for control of infusion pumps. There are devices in the Power range of 20 - 5000 W with up to four outputs available. All Power Supplies are primary switched, have a very high efficiency and offer complete medical security in accordance with EN60601/UL2601.



**DC Power Supply
(CV/CC/CP) 20–5000W**



- For specific electrical and/or mechanical requirements
- Special terms and conditions
- Protection of product identity
- Unique position by licence
- Application- specific Power Supplies and complete devices
- Option: Analog and digital interfaces
- Especially for specific industrial and **medical applications**



**AC/AC
Frequency Converter
(CV/CF)
5–500kVA**



- Output voltage up to 1000VAC
- Output frequency from 16 $\frac{2}{3}$ Hz–400Hz
- 1,5-times Overload
- Parallel operation
- 3 operating methods (start-up, determine operation, continuous operation)
- Touchscreen-display
- Standard: RS232, Option: Analog, CAN, Ethernet
- **Option:**
 - **Feed-back unit** up to 100% (Energy Efficiency)
 - **Also as DC-Power Supply, DC and AC Load, DC/AC Inverter, Battery charger (-Testsystem) and UPS available**
- Especially for Avionic, Mains simulation, Engine test stand, Feed-back from solar plants, Peak load illustration, regulated load resistance for battery test with feed-back

Energy efficiency



Mains feedback means that electrical energy can be returned to the AC mains supply by using a multi-quadrant technique. Instead of electrical energy being dissipated as heat it is returned to the AC supply by a phase synchronous inverter which replaces the load resistor.