



■ ZU-PW40W

Power Supply Units for bmcm Hardware

Well supplied.

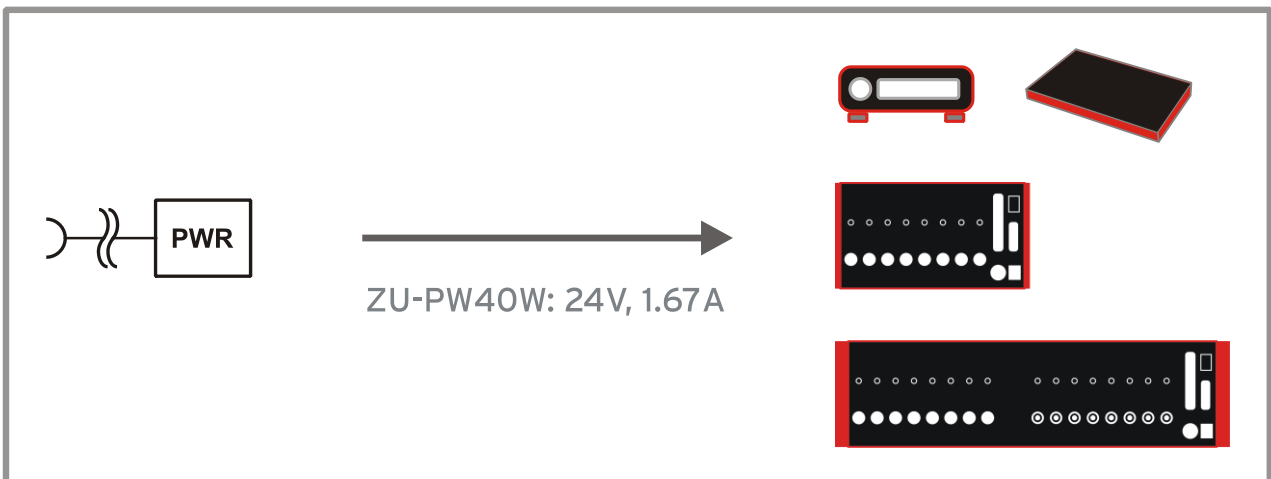
ZU-PW40W provides a DC voltage of 24V to supply low-voltage consumers. It can be used to operate bmcm measuring hardware which requires external power supply.

Clearly safe.

Due to the galvanic isolation of the DC supply voltage from the 230V AC power line, measurement hardware and the PC are perfectly protected

Get connected.

The power supply unit is delivered with a standard screw coupling. The assignment of the connector goes with all bmcm devices that are supplied by low voltage. If using a device without a low voltage connector (e.g. AP8a), the screw coupling must be removed from the power supply.



Functional Diagram

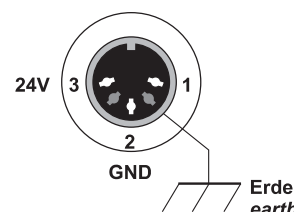
1 Installation

First connect the ZU-PW40W to the power supply plug of the bmcm device. Attach the IEC cord of ZU-PW40W to the power supply and then plug the wall power supply or the mains plug into the socket outlet. An LED indicates the operation of the ZU-PW40W.

To avoid damages, power must not exceed 45W at the maximum!

2 Assignment of the Low Voltage Connector

The figure on the right illustrates the assignment of the 3-pin DIN coupling.



If the device to be supplied does not feature a low voltage connector (e.g. AP8a), the screw coupling has to be removed. In this case, the cable is directly connected to the device. Check for correct polarity!

3 Important notes for using ZU-PW40W

- ZU-PW40W generates a DC voltage for low voltage devices electrically isolated from the mains for the supply of bmcm devices. Please comply with the respective regulations and read these instructions before first use!
- Before using, check mains voltage, the input voltage specified on the power supply, voltage and polarity of the output current, and the power of the hardware to be connected with your requirements.
- ZU-PW40W must only be used for IT hardware and operated inside (in closed areas). Protect against splash water and humidity.
- Warming of the housing during operation is normal and harmless. The power adapter, however, should not be covered or be operated close to heating elements or not be exposed to direct sunlight.
- Never use ZU-PW40W when it is open, the housing is damaged, or the line connector is defective!
- Regularly check the mechanical safety of the device, e.g. damages of the housing. Repairs are to be done by bmcm only.
- Do not use any detergents for cleaning. Wipe with a dry cloth afterwards.
- The product must not be used for safety-relevant tasks. With the use of the product, the customer becomes manufacturer by law and is therefore fully responsible for the proper installation and use of the product. In the case of improper use and/or unauthorized interference, our warranty ceases and any warranty claim is excluded.



Do not dispose of the product in the domestic waste or at any waste collection places. It has to be either duly disposed according to the WEEE directive or can be returned to bmcm at your own expense.

4 Technical data

Power IN // OUT:	100-240V _{AC} , max. 45VA // 40W: 24V _{DC} , ±5%, 1.67A, regulated
DC line:	1.4m long
Type of power supply:	clocked switching power supply, overload-proof
Accessories:	power cable 2m
Use for bmcm hardware:	AAB-II, AMS42, AMS84, AMS42-USB, AMS84-USB, AMS42-LAN16fx, AMS84-LAN16fx, AP2a, AP8a, BP2, BP2-BOX, BP16, LAN-AD16fx, meM-LOG-SE
CE standards:	EN61000-6-1, EN61000-6-3, EN61010-1; for decl. of conformity (PDF) visit www.bmcm.de
ElektroG // ear registration:	RoHS and WEEE compliant // WEEE Reg.-No. DE75472248
Temperature ranges:	operating and storage temperature -25..70°C
Relative humidity:	0-90% (not condensing)
Warranty:	2 years from date of purchase at bmcm, claims for damages resulting from improper use excluded