

The IPs Version 3 is the next model after our successful transformer IPs Version 2.

It **meets** the strict requirements of the **DIN EN 60601-1** and is used to power **electrical medical devices in patient surroundings**.

The main differences to the predecessor are the **compact dimensions** (only half as big) and the **diversity of secondary connectors** (see fig.1).

We have increased the variety of the devices, which can be connected to the IPs, so you can choose from **two different models**:

- The model 8K has **eight appliance outlet (IEC 320-2-2/F)**. It is used to power bigger systems with multiple electrical consumers, like computer-assisted measuring systems (consisting of PC, screen, printer etc.).
- The model 2S has **two "Schuko" outlets (CEE 7/III)**, it can power two electrical consumers. The outlets are equipped with a cover, which can only be opened with a tool.
- The model 4K has **four appliance outlet (IEC 320-2-2/F)**. It is used to power smaller systems. By half of the size of model 8K (only 40% of the volume) it has a maximal output power of 330VA.

The usage of the sockets IEC 320 and the covered "Schuko" outlets makes it difficult for third parties to connect improper devices to the IPs.

The **nominal output power** differs from **330VA up to 1400VA**, depending on the model. The transformer is mounted in a **grounded metal enclosure**. The illuminated power switch switches both cables on the primary side.

The **secondary fuse** (mounted at the rear side) protects the device against electrical overload.

The enclosure of the IPs is equipped with a **ground pin** (acc. to DIN 42801).



Specifications

voltage	230V AC
frequency	50/60Hz
nominal output power	330VA (IPs-330R3) 630VA (IPs-630R3) 900VA (IPs-900R3) 100VA (IPs-1000R3) 1400VA (IPs-1400R3)

extra model 120V AC / 1000VA

dimensions and weight

wxdxh(8K/2S)	212x280x135mm ³ (max.)
wxdxh(4K)	168x210x92mm ³ (max.)
	8K/2S 125mm without feet. The enclosure can be mounted through threads in the enclosure bottom.
Weight (4K)	5kg (IPs-330R3)
Weight (8K/2S)	6kg (IPs-330R3) 9kg (IPs-630R3) 12kg (IPs-900R3) 14kg (IPs-1400R3)

insulation voltage

primary - secondary	4840V AC
secondary - enclosure	1500V AC

Classification

Protection class	I
Classification according to MDD appendix IX	Class I (accessory of equipment for medical devices)

Accessory

- user manual
 - mains power supply cord
- optional:
- power supply cord 2m (IEC 320-2-2/E to /C13), Art.-No. WR-057
 - cord retaining clamp for IEC outlets, Art.-No. MBZ-004

We also produce individual models according to your specifications. Get in touch with us! We can submit an offer to you!