

Stay on the safe side:



ilcoPower SMPS

The new ILCON 24-V power supply
for your medical product.
Safe, flexible, innovative.

The safety of patients and residents is our primary concern.

With ILCON, the specialist for actuators and components for medical applications, and the ILCON power supply ilcoPower SMPS, you are on the safe side.

As manufacturer and supplier of actuator concepts and components for medical applications, we see our responsibilities quite clearly: developers, purchasers and manufacturers need products that comply with statutory requirements for medical products and also follow the recommendations of independent testing institutes. Yet our responsibility does not stop here.

Next we consider the suitability of beds, lifts or treatment couches, with regard to IP x6, bend and fall protection, and annual inspection. The latest market knowledge and analysis show: in cooperation with our partners and prior validation and consideration of risks, leakage current metering intervals of up to 12 years are possible. Please also note the manufacturer's particular instruction with regard to inspection requirements.

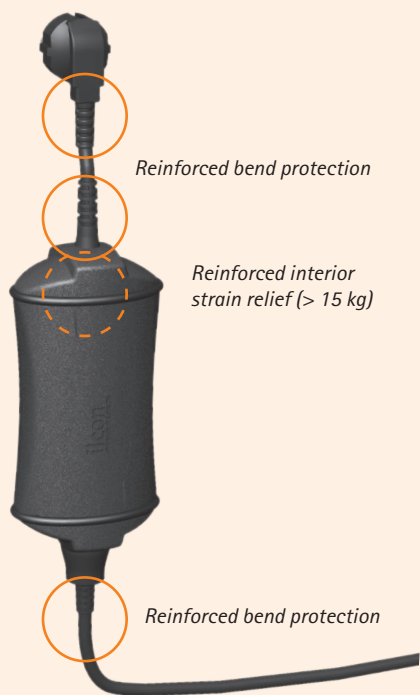
The safety of patients and residents is our primary concern. Thus, we support operators in terms of responsible handling of our greatest goods health, recovery and well-being.



The ilcoPower SMPS can be provided with country-specific plug variants.

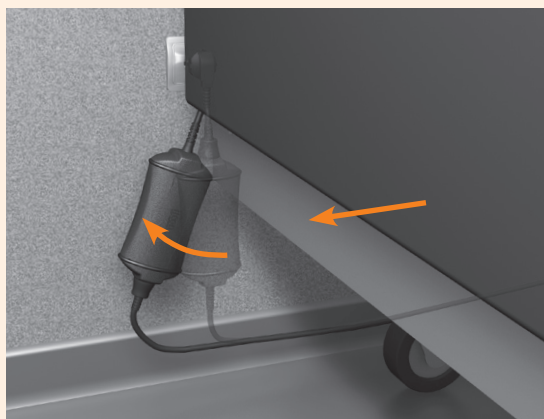
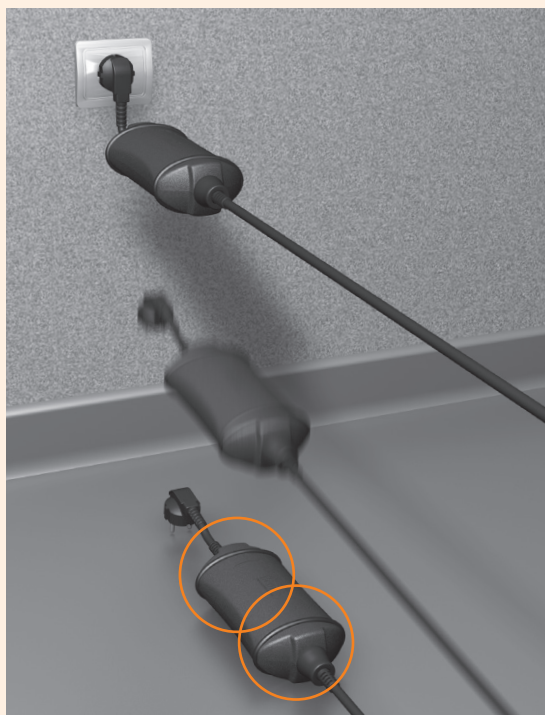
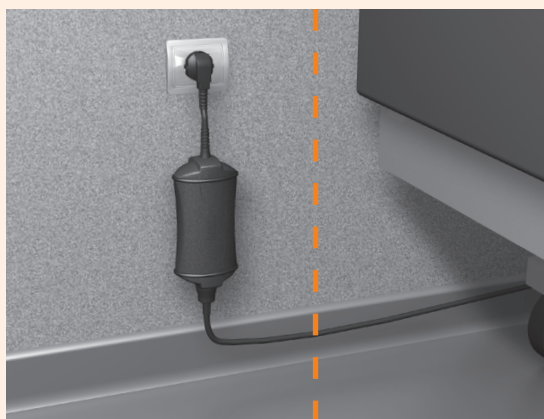
The comparison very clearly shows the difference: The image on the right as our present SMPS next to the new ilcoPower SMPS on the left. The new SMPS is now better protected against mechanical damages thanks to enforcements and flexibility. Optionally available also in IP x6. Your benefit for more safety, better handling, durability and your budget.





The **ilcoPower SMPS** now offers an even safer power supply to the medical industry. In comparison to conventional products, the most modern electronics, fall protection, reinforced bend protection and an interior reinforced strain relief (> 15 kg) ensure a longer lifespan.

Power-supply outside of bed.



If the ilcoPower SMPS is struck by a moving bed, it is pushed to the side.

Protected by special damping rings, the ilcoPower SMPS is not damaged if it is accidentally pulled from the outlet. It is tested according to IEC 60601-2-52 for hand-held ME devices.

The **ilcoPower SMPS** was developed especially for medical applications – here is a summary of the decisive advantages it adds to your market edge:

1. More flexible construction.

This means, you can use a standard system that easily adapts to the most widely varying needs, such as individual country plug variants.

2. Universal and future-proof.

This means that due to its wide-range input, you may use this power supply from 100 to 240 V (50/60 Hz) anywhere in the world. Only the power supply cable (8 cm long with country-specific plug) must be correspondingly adapted.

3. Power supply flexibly integrated into cable.

This means, damaged outlets or connector housings are avoided. If the power supply is hit by a moving bed, it is pushed aside. The new **ilcoPower SMPS** is optimally protected against bent plug pins and broken housings.

4. Fall resistant.

Fall resistance to a drop of 1 m acc. to IEC 60068-2-31:2008. This means, you no longer have to contend with damage to the power supply during transport of the bed or if the bed is accidentally moved while the power supply is still plugged in.

5. Energy savings.

This means, you can use the most modern technology with a standby energy demand beneath 0.5 W, in accordance with Energy Star guidelines.

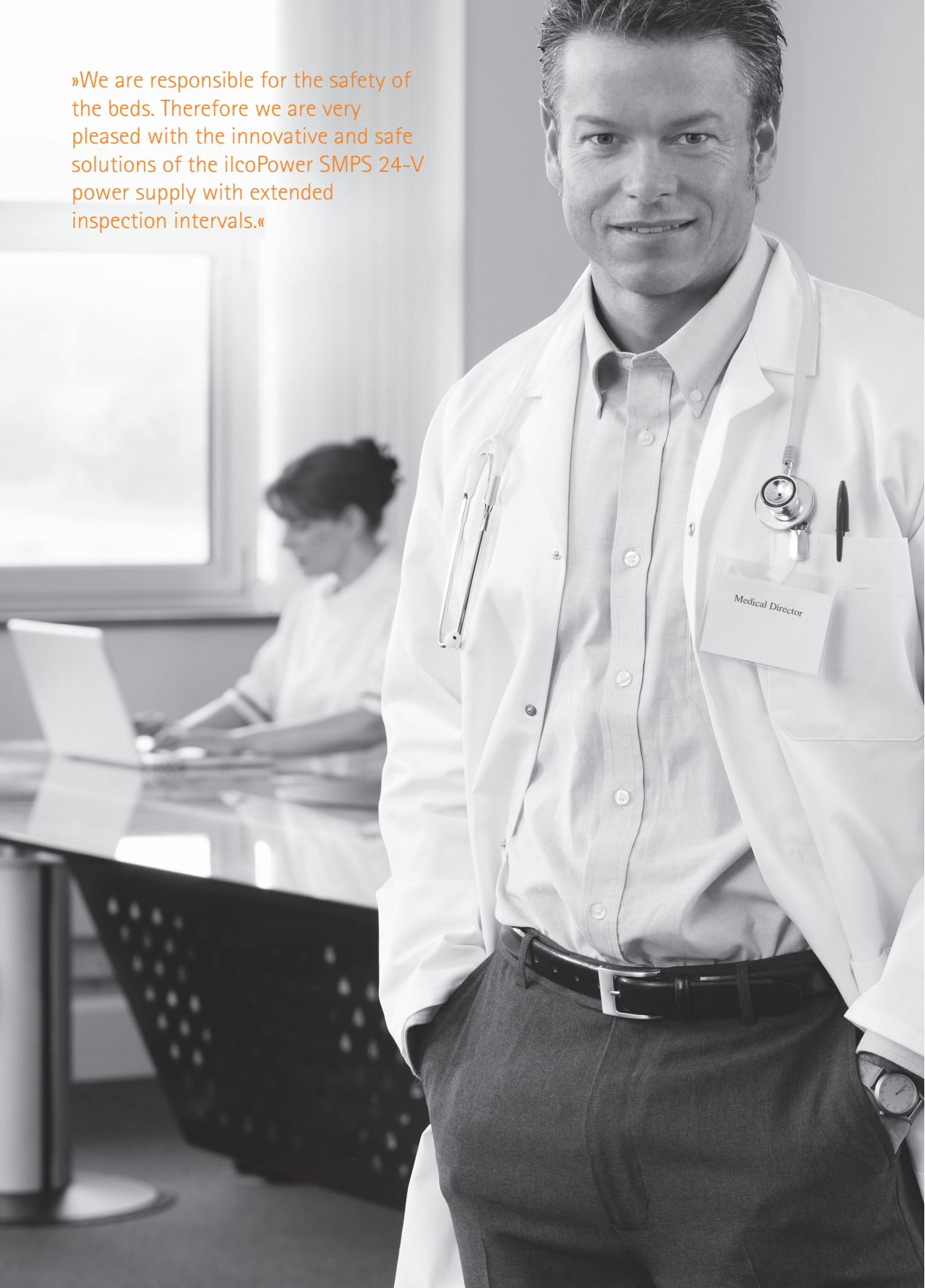
6. Safe and spray water proof.

Of course this product complies with IEC 60601-1, the current specifications for medical products; thus it is equipped with spray water protection IP x4 and when required, can also be delivered as IP x6 (water protection).

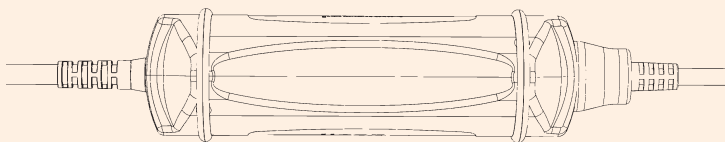
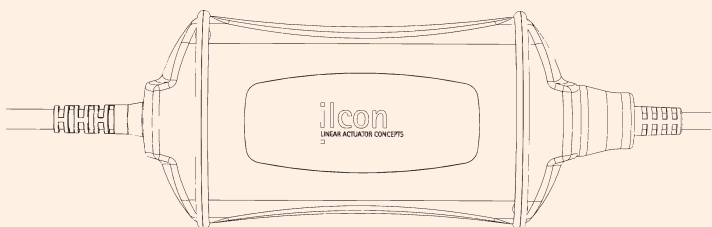
7. Extended intervals for electric measurements.

In cooperation with our partners and prior validation and consideration of risks, leakage current metering intervals of up to 12 years are possible. Please also note the manufacturer's particular instruction with regard to inspection requirements.

»We are responsible for the safety of the beds. Therefore we are very pleased with the innovative and safe solutions of the ilcoPower SMPS 24-V power supply with extended inspection intervals.«



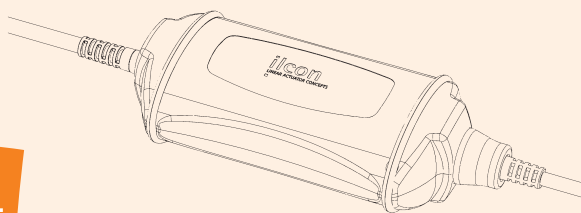
Product details	
Type	wide range switch mode power supply
Output load	up to 5.5 A
Input voltage	100–240 V, 50 Hz/60 Hz
Output voltage	32 V
Protection class	IP x4
Colour	black
Standby energy consumption acc. to Energystar guideline	< 0.5 W
Optional	
Protection class	IP x6



The brochure "ilcoFree" is also available upon request.



ilcoPower
and ilcoFree.
It's your
choice:
2 power
supplies
featuring
the ILCON
Slim Design.



More at:
ilcon-actuator.de
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