

CAUTION

1. Even if the device housing is negatively grounded, use the correct connections to connect the cable.
2. The device must be switched off before it is connected to a power outlet.
3. Place the device in a dry and well-ventilated location.
4. Never touch the device during operation. Although it is designed for high efficiency, the device will still become hot.
5. If a short circuit occurs during operation, the device is protected by a short circuit protection function. Switch off the device, rectify the cause of the short circuit and then switch it back on again.
6. Do not use the device for devices that require a high current when starting up, such as motor-driven devices. Do not use the device to charge a car battery.
7. Do not use a cigarette lighter in the cigarette plug on the device.
8. Before replacing a fuse, make sure that the device is switched off. Be sure to use the specified type of fuse.
9. Ensure that the product is always properly grounded to prevent electric shock and reduce noise.
10. Never disassemble, modify or touch the device unnecessarily. This may damage the product and invalidate the warranty.

The logo for the brand 'maas' is displayed in a bold, blue, lowercase sans-serif font. A registered trademark symbol (®) is located at the top right of the letter 's'.

Power supply

MAAS SPS-230

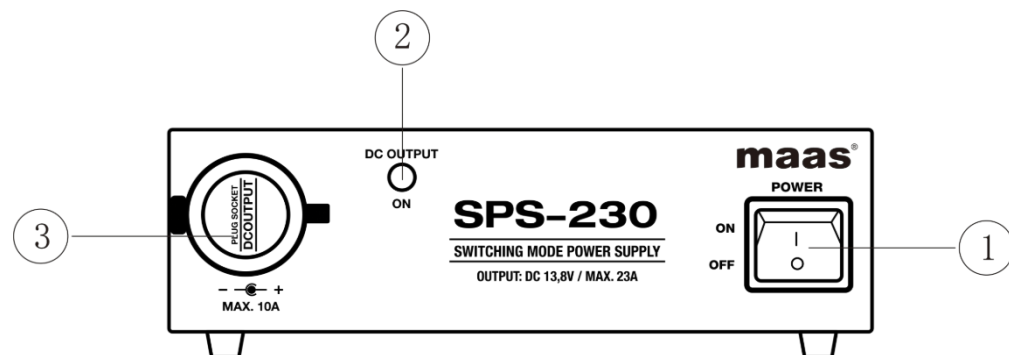
USER MANUAL

INTRODUCTION

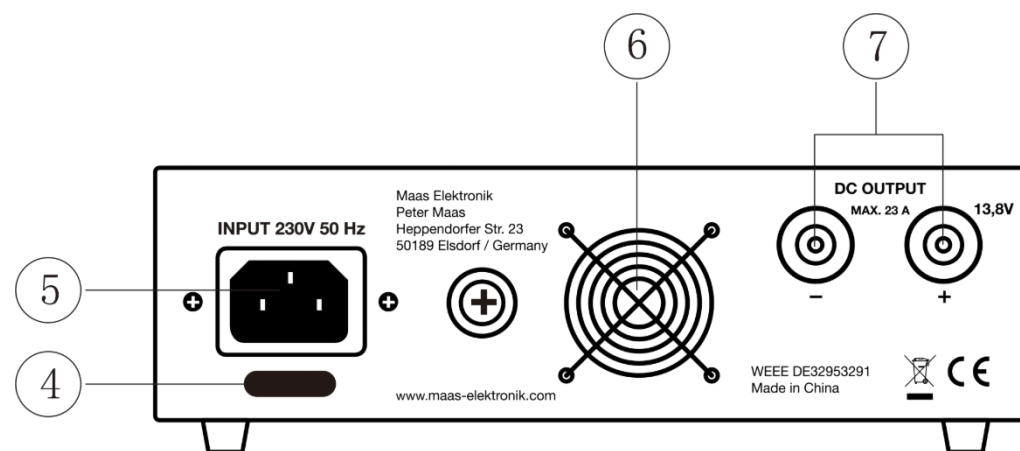
The Maas SPS-230 is a highly efficient, space-saving, lightweight and powerful switching power supply. It is exceptionally insensitive to radio interference in the immediate vicinity. It has the small footprint of standard radio equipment. Constant current protection, overtemperature protection and output voltage protection (OVP) ensure greater reliability and safer protection for both the power supply and the connected load. A main DC output on the rear and a cigarette lighter socket on the front provide

convenient DC connections. The device features excellent mains and load regulation as well as low ripple and noise.

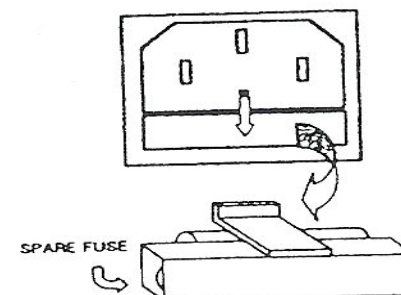
CONTROLS / FUNCTIONS



1. Power switch
2. Power indicator.
3. Cigarette lighter connection (10A max.)



4. FUSE
5. Cold device socket / mains input: 230 V/50 Hz
6. Fan
7. Output connection (max. 23 A red + black -)



TECHNICAL DATA

1. Input voltage: 230 V/50 Hz
2. Output voltage: 13.8 VDC ± 0.5 V (10–15 V adjustable)
3. Voltage stability: less than 2 %
4. Protection: Overload, over-temperature and short-circuit protection via constant current circuit and output voltage protection
5. Output current: 23 A (max.), 20 A (continuous)
6. Ripple and noise: ≤ 100 mVp-p
7. Fuse: 220:4 A
8. Dimensions: 181 x 63 x 190 mm
9. Weight: 1.6 kg

Manufacturer:

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Import:

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