



**ASR Audio Systeme
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ASR Battery supply for ASR Emitter Exclusive

The optional available ASR battery power supply increases the sound quality of the ASR Emitter Exclusive models to an even higher level !

*The ASR battery power unit supplies the very important **input amplifier** stage with clean and undisturbed voltage. A **clean and stable power supply** is the **major key** for the **sound quality and musicality** of each amplifier!*

*With the ASR battery power supply the musical qualities of the ASR Emitter Exclusive reaches even **higher dimensions** - the **soundstage** of high quality recordings can be so **realistic** that they could nearly be **touched** with your **fingers**, the instruments stay very **stable** in place. Very **small, intricate details**, such as overtones and the **spaciousness** between the musicians, become much easier to recognise.*

*Through the **inner dynamics** of an ASR Emitter Exclusive with ASR battery power supply, you hear the **sound** of good records like "**Live**". The **listening** to music turns into an **stirring experience**!*

*The reproduction remains **homogeneous, powerful and sovereign** - typically Emitter!*

Also less perfect records can be listened with pleasure with the battery unit.

The Battery PSU improves the listening pleasure with the ASR Emitter Exclusive !

The function of the ASR Emitter Battery power supply :

- When the **Emitter** is switched **OFF**, the batteries are charged with a low current.
- In **Standby** the batteries are charged and the input stage is supplied with a low voltage to **warm up** the circuits. This ensures **excellent sound quality** immediately after switching **ON** the **Emitter**.
- After switching **ON**, the amplifier is supplied from of the batteries. The charging transformer is disconnected with a relay from the power line.
- The voltage of the batteries is **constantly monitored** during operation.
- When the batteries are **empty**, the charging transformer is switched **ON** again. The Emitter is supplied from the charging unit- so you can continue listen to music.
- When the batteries are **fully charged** the charging transformer is disconnected from the power line and the Emitter is supplied again from the batteries.

The **capacity** of the 6x 6V/12Ah batteries is so enormous that the ASR Emitter can be supplied for more than **100 hours** continuously from the batteries.

The charging circuit is operated digitally with a radiation free **optical logic**, the voltage from the batteries of plus/minus 18 Volts is buffered with capacitors of **400.000 uF**.

The charging level of the batteries is shown by a 10 Leds bargraph display.

The ASR battery power supply is connected to the amplifier part with a separate cable.

- Dimension of the **ASR Battery-Supply** : 46 x 32 x 16 cm, Weight 26 kg

