

ANSMANN®

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POWERLINE 2



LED-ANZEIGEN**LED indicators**

rot = Ladung

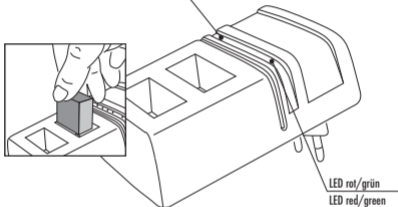
red = Charging

grün = Akku voll

green = Ready/Trickle charge

LED rot/grün

LED red/green

**2** *Ladezeitabelle (bei leeren Akkus) / Table of charging times (batteries empty)*

Akku-Typ type of battery	Ladestrom charging current	Ladezeit für 100 mAh Charging time for 100 mAh	Max. Kapazität Max. capacity
9 V Block NiCd/NiMH	70 mA	ca./approx. 100 min	360 mAh

OPERATING INSTRUCTIONS POWERLINE 2

USE OF THE CHARGER

Charger for 1-2 9 Volt block(s) nickel/cadmium and nickel/metal-hydride rechargeable batteries.

FUNCTION CHART

Absolutely separated charging processes for every single battery; Automatic start of charging at contact with the battery; NiCd as well as NiMH batteries can be charged at the same time; The capacity range of the rechargeable batteries is between 100-360mAh; The charging status before start of charging is irrelevant; A microcontroller monitors the battery voltage during the complete charging time; Supervision of voltage gradient and disconnection of $-\Delta U$; Significance levels are integrated such as $-\Delta U$ recognition, supervision of voltage gradient and safety timer; Automatic switch over to trickle charging; Charging times depending on capacity. (cf. table of charging times (2)); Display via LEDs



ATTENTION

This charger is designed for charging of rechargeable nickel/cadmium and nickel/metal-hydride batteries. Do not insert other types of batteries. Danger of explosion!

CAUTION

Keep your charger in a dry place (indoor use only). Danger of fire and electric shock! Do not plug in the charger in case of damaged powerplug.

COMMISSIONING

Plug the power plug into a convenient mains socket (cf. identification plate) and place the batteries into the battery mounting adapter on the charger. The charger will then start up automatically. The cells have not to be inserted simultaneous, the charging processes being separated from each other. When charging is finished, the batteries are provided with trickle charging so that the batteries can remain in the charger until use. Warming of the batteries during the charging process is normal.

ENVIRONMENTAL REFERENCE

By using rechargeable batteries and ANSMANN chargers you conserve the environment and save money by doing so. Rechargeable batteries are not to be disposed in domestic waste. Give used batteries back to your dealer or rather to the battery collecting point.

MAINTENANCE

Do not practise any cleaning or maintenance work, if your charger is plugged in. In order to guarantee a perfect function of the charger keep the contacts inside the charging boxes free of dirt. Use nothing but a dry cloth to clean the charger. Do not plug in the charger in case of damaged cabinet or powerplug. Never open the charger. Chargers in need of repair must be taken to authorized dealers.

Error and misprint excepted.