

Angling Technics Limited

Procat Fast Charger Instructions

Use of the Charger:

Intelligent fast charger for fast rechargeable NiCd / NiMH battery packs with 6 – 7 cells (7.2 – 8.4V nominal battery pack voltages)

Features:

- Microprocessor Controlled Charging.
- Fast Charging 3A (pulsed).
- Suitable for NiCd and NiMH battery packs.
- Supervision of battery voltage and charging control using ΔV .
- Safety timer (approx. 140 min) to cut fast charge if no ΔV characteristics detected in pack.
- Automatically trickle charges after fast charge at 180mA.
- Protected against short-circuit, overload and wrong polarity.
- Input 100 – 240V AC or 12V DC car cigar lighter socket.
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Display:

LED: red/green flashing – Testing battery pack. (approx. 5 minutes)

LED: red – Fast charging indicator.

LED: green - Trickle charging indicator. (Ready for use)

LED: flashing red – Faulty battery pack.

Operation:

Connect the charger to a 100 – 240V 50/60Hz mains socket or to a 12V DC cigar lighter socket using the appropriate input plug.

Warning: Never connect AC and DC power at the same time!!

Connect the output plug of the AC/DC Fast Charger to the battery pack plug. The LED will flash from red to green for around 5 minutes whilst the battery pack status is checked. The LED will then turn red to indicate fast charging as long as the pack is not already fully charged, in which case it may go direct to green (ready for use). After fast charging is complete, the charger is automatically converted into trickle charge and the LED turns green (ready for use), which in this mode is safe for many hours without damage to the battery pack. To stop charging disconnect the power plug before removing the battery from the charger.

Attention !!

This charger is designed for charging fast rechargeable NiCd/NiMH battery packs (7.2 – 8.4 V) only.

Do not connect other types of batteries. Danger of Explosion!!

Caution:

Keep your charger in a dry place (indoor use only when connected to AC mains).

Danger of fire and electric shock!

Do not fast-charge a hot battery, allow the battery to cool down naturally before starting a recharge. Allow the charger to cool down for at least 15 minutes after one fast charge. Do not repeat several fast charges without discharging the battery fully. Stop the charging process if the battery gets too hot during charging (>55-60 degrees C). **Do not leave unattended whilst charging.**

Only clean with a dry cloth. Do not attempt to open the charger. Repair permitted only by authorised dealers.

Environment:

Rechargeable batteries must not be disposed of in domestic waste. Return used batteries to your dealer or an authorised battery collecting point.