

PC3 Peak Charger Instructions

Features

Fast charge of 7.2 or 8.4 volt nicads.
Trickle charge after fast charge
FULL Reverse/Short protection
Use 12v automobile battery

Automatic cut off on peak voltage
Large ammeter for confident charging
Robust and attractive metal case
Ready fitted Tamiya type 7.2v connector

Important

The PC3 CHARGER is designed for use with a fully charged 12 volt AUTOMOBILE battery. Battery chargers or Power supplies are not usually NOT suitable as voltage peaks on the mains supply can cause early cut-off. A current rating of at least 10 amps is essential.

Operation

- 1) Connect RED & Black crocodile clips to the 12 volt automobile battery. Red to positive (+), Black to negative (-).
- 2) CHECK GREEN LED = ON (OFF = Reverse or flat nicad, see note 7) Adjust AMPS to minimum before connecting to nicad.
- 3) Connect nicad. CHECK GREEN LED = ON (OFF= Reverse 12v or check fuse).
- 4) Press GO. Check & adjust AMPS. (See note 5)
- 5) Peak Cut Off Amps = 0 Trickle Charge = 100 mA approx.

Hints and Tips

- 1) Always keep your packs, insulation and connectors, in perfect condition. This will reduce accidents and improve performance.
- 2) Do not remove crocodile clips, drill holes in 12 volt battery terminals if needed.
- 3) DO NOT disconnect the 12 volt battery crocodile clips if a nicad is connected as a short may cause failure of the internal 10 amp fuse.
- 4) The PC3 will charge 4 nicad cell packs but the heatsink will get VERY HOT, please take care.

- 5) Connecting fully discharged cells will cause the GREEN OK indicator to go out. The PC3 will test for correct connection and OK light will light in a few seconds.
- 6) For 90 seconds after pressing GO or Power Up the peak cut off is inhibited. Use this feature to re-peak your cells just before racing.

Fuse Replacement

The 10 Amp Fuse will only blow if the 12 volt crocodile clips are shorted or reversed with a nicad connected. Once the 12 volt leads are correctly connected and the GREEN OK is on, the PC3 is fully protected against short or reverse connection. If the fuse needs to be replaced remove the 4 screws which hold the lower cover to gain access to the fuse holder mounted on the circuit board. Fit a 10 Amp Quick Blow fuse (G647D Pk.3) ensuring that it is a tight fit in the fuse holder. If the fuse fails repeatedly please return for service.

Service and Guarantee

- 1) A flat or defective 12 Volt battery or poor connections cause most problems. Always try your PC3 on a different 12 Volt battery and nicad before returning for repair.
- 2) Allow 14 days for repair. Include as much information about the fault condition as possible. This will ensure a quicker and cheaper repair.