NiCd Battery Conditioner/Charger for New Communication Stations

Austdac has released a charger for the 3 pin high powered battery for the new communication stations (part numbers BMA69 and BMA70).

p/n BATT022

BMA70

BMA69

3 pin battery
p/n BATT021

OPERATION:

The charger incorporates the latest NiCd battery charging techniques to charge and maintain batteries at their optimum level.

It uses a REFLEX charging action, which injects a pulse of constant current into the battery followed by a short discharge pulse.

The charger only replaces the charge used by the battery and can thus 'top-up' a battery that has only been used for a short period of time. It will, of course, fully charge a battery from it's fully discharged state in about 8 to 10 hours and then **automatically** trip to it's trickle state.

In the trickle state, the charger keeps the battery fully conditioned and ready for use by its REFLEX charging action, which discourages cell destroying dendrites from forming.

Batteries can safely be left connected to the charger until ready for use.

The charger can also discharge a battery pack to it's safe 'discharged' level of 1.1 volts per cell and once this level has been reached will **automatically** trip to charge the battery up again.

Should a battery pack suffer from one or more short circuited cells, it will detect this condition and alert the operator after approximately 1.5 hours of charging, by flashing the LED.

Only one **Tri-Coloured LED** per channel is required to indicate the **three** conditions of **Discharging, Charging** and **Trickle**. **(Red, Amber, Green).**

To ensure no battery can be excessively overcharged, each charge is also timed, and should this time be exceeded, the charge is terminated automatically.

The CHARGER is presented in a robust steel enclosure intended for industrial conditions and comes complete with a 1.5 metre long standard mains power cord. The internal circuitry is microprocessor based and is extremely reliable, reducing maintenance to a minimum.

New South Wales:
Tel: +61 (2) 8851 5000
Fax: +61 (2) 9899 2490
austdac.nsw@austdac.com.au

www.austdac.com.au
Brochure No:
03-340-35-xx01-01_nicd_battery_communication_stations.indd

Queensland:
Tel: +61 (7) 4955 2777
Fax: +61 (7) 4955 2922
austdac.qld@austdac.com.au

Voice Communications

AUSTDAC PTY. LTD.

A.B.N. 31 002 654 695