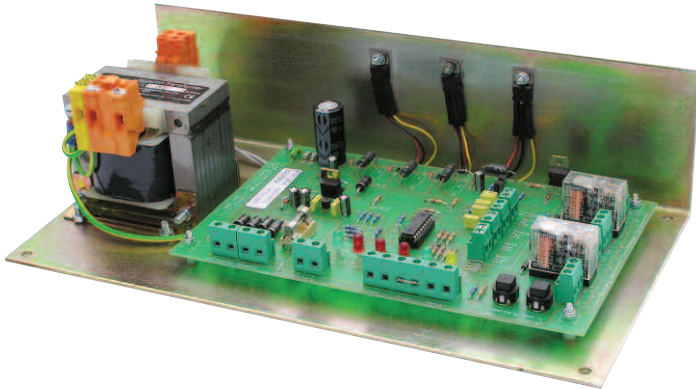


# Fast Nicad charger



- Mains operated (190 - 240v, 50Hz)
- Microprocessor controlled (fully automatic digital control)
- Dual current charging (C/33 trickle, C/5 boost)
- Factory programmed voltage and current levels (no setting required)
- Available for various battery configurations (eg 25 cells at 4AH)
- Fully protected against short and open circuit batteries
- Sophisticated voltage monitoring to keep batteries in peak condition
- Internal timers prevent battery overcharge even in manual override mode
- Six status LEDs show charger and battery conditions
- Four repeater LED outputs provided for front panel mounting
- Designed and tested to exceed all relevant regulations (CE complaint)
- Maintenance free
- Size - 150mm x 250mm x 80mm (W x D x H)
- 220v 3A relay modules for low battery voltage and charger failure

The BTL fast NiCad battery charger incorporates microprocessor controlled electronics to ensure stand by batteries are always in a state of good charge. The charger runs off a standard 220v 50Hz supply and is capable of re-charging a fully discharged battery in 6 hours. Under normal conditions the batteries are trickle charged to maintain full capacity. After a power failure the charger switches to boost charge to restore the batteries in the minimum time. The mains voltage, the charger state and the battery terminal voltage are constantly monitored to determine the operating conditions. A manual override is provided so that a boost charge can be applied and a thermal trip can be used for additional protection, if required.



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