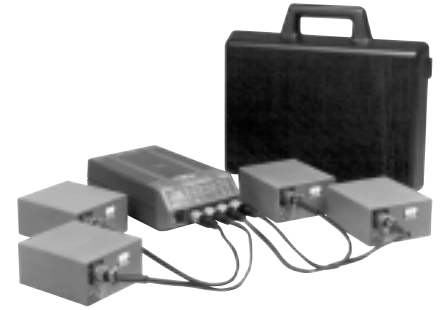# HARRIS

10372-0305-01

FAST BATTERY CHARGER

The 10372-0305-01 is a fast charger for up to four BB-590/U Nickel Cadmium (NiCd) family batteries. This microprocessor-controlled unit incorporates fast charge, balancing charge, maintenance charge, and recovery charge programs to properly charge and maintain the BB-590/U family of rechargeable batteries. Unit will automatically terminate charging when battery is fully charged. It operates on 100 to 135 VAC or 180 to 265 VAC at 50 and 60 Hz. The typical charge time for one fully discharged BB-590 battery is approximately 30 minutes. Do not use this system for charging non-rechargeable batteries or for charging the BB-390 Nickel Metal Hydride (NiMH) battery.

The charger system includes the charger, AC cord with US NEMA 5-15 P connector, four cables to connect the charger to up to four BB-590 batteries, and a carrying case.

Main Charging Program	Fast charge program under microcomputer control. Recovery charge program manually selectable.
Typical Charging Times	0.5 to 1.5 hours depending upon temperature, battery condition, and state of charge. Automatic shut down at charge completion.
Ancillary Charging Programs	Balance charge - a self-adjusting maintenance charge automatically entered after charging.
Self-Test Program	Constantly monitors the operation of the charger, which is shut down to a safe condition, should any tests fail.
Input Supply	100 to 135 or 180 to 265 VAC, auto-selected.
Input Failure Protection	If the input AC supply fails while batteries are charging or while the charger is connected, the charger will shut down to a safe condition.
Output Protection	Charger protected against short circuit, open circuit, excess battery voltage, and reverse battery voltage.
Operating Temperature Range	0 to 40 degrees C
Size	Approximately 3.12 x 5.6 x 9.5 inches (7.8 x 14.2 x 24 cm).
Weight	Approx 3 lbs.

HARRIS