



SLC[®] Series 5 Carrier System

337A() Battery Charger — 5SCB804

Data Sheet

This data sheet describes the 337A() battery charger (337A1 COMCODE 105701734) and is intended for the end-user of this unit. The 337A() battery charger is a PWB assembly that plugs into a card edge connector in the SLC[®] Series 5 181A equipment mounting (battery shelf). The unit is a battery charger/controller powered from a nominal -48 volt DC supply. It supplies boost voltage for charging a 25 ampere-hour nominal 48-volt sealed lead-acid battery. The battery charger provides high-rate constant current charge or temperature compensated low rate constant current float charge.

This data sheet is reissued to change information to cover the 337A1 battery charger, the functional equivalent of the 337A battery charger. The 337A1 differs from the 337A in that several components have been changed and the unit is *UL** recognized.

Figure 1 is a functional block diagram of the battery charger, and Figure 2 shows the faceplate.

The charger/controller will connect the battery to the bus when AC power fails or when the bus is overloaded, and disconnect the battery when AC returns or the load reduces. It will also disconnect the battery when its energy is depleted. When AC power is restored, the high rate charge will automatically activate and return full capacity to the battery within 24 hours. When the battery is fully charged, the high-rate charge will automatically deactivate and the low rate charge will keep the battery at full capacity for indefinite periods. The ACTIVATE

* Registered trademark of Underwriters Laboratories, Inc.

switch is used to manually activate the high-rate charge when the Series 5 system is initially turned up or when the battery is replaced.

BAT DISCHG (Yellow LED): When lighted, indicates that the system is being powered by the battery. The system will remain on battery until the battery voltage drops below a threshold voltage.

OPEN BATT (Yellow LED): When lighted, indicates that the battery has been disconnected from the battery charger.

ON (Yellow LED): When lighted, indicates that the high-rate charge is activated.

ACTIVATE (Pushbutton): When *pressed*, this switch activates the high-rate charge.

337A() Battery Charger

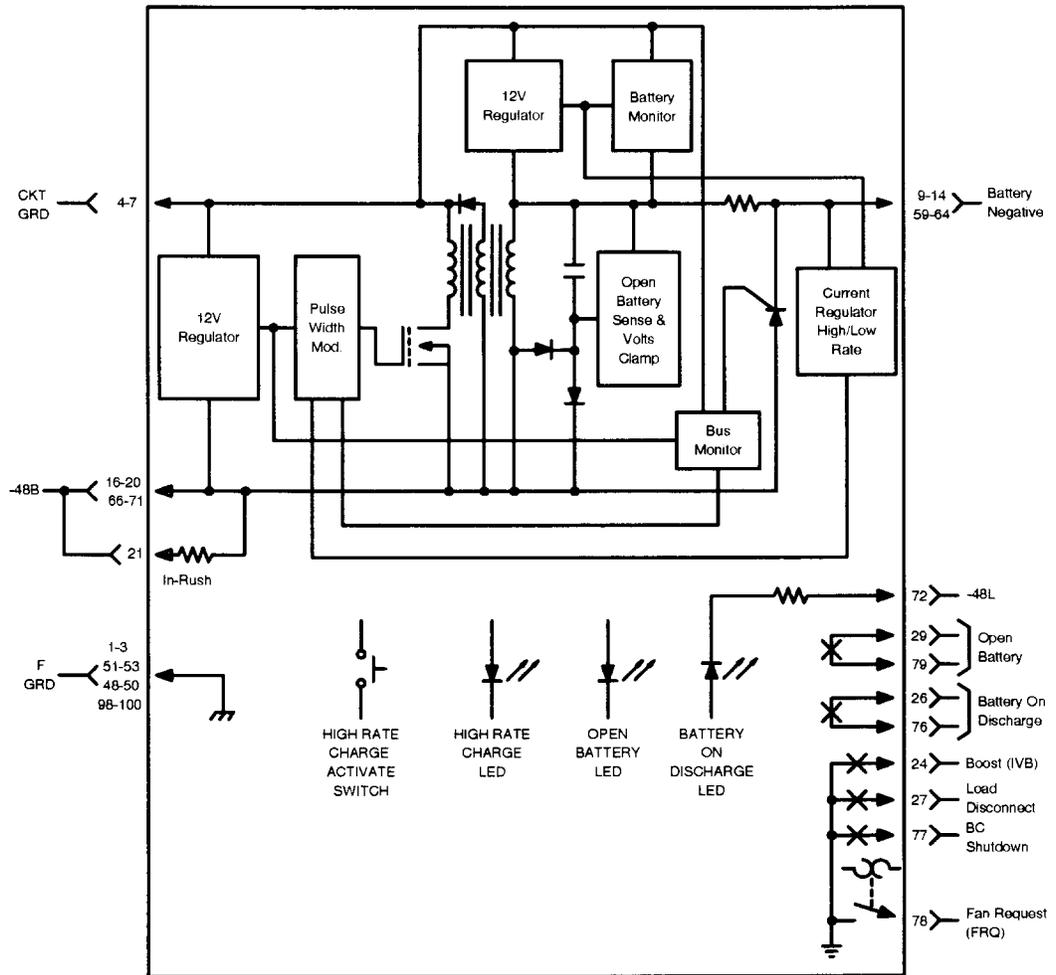


Figure 1. 337A1 Block Diagram

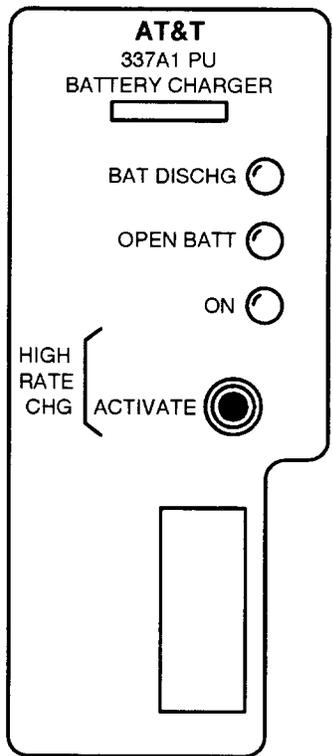


Figure 2. 337A1 Faceplate Diagram

In-hours or emergency out-of-hours technical assistance for the *SLC* Series 5 Carrier System can be obtained by calling the Regional Technical Assistance Center at **1-800-225-RTAC**.

Additional copies of this document (AT&T 363-005-221) are available from the Customer Information Center — call 1-800-432-6600.

Comments about this document can be directed to:

AT&T
Document Development Organization
Attention: Publishing Services Department
2400 Reynolda Road
Winston-Salem, NC 27106

Copyright © 1990 AT&T
All Rights Reserved
Printed in U.S.A.