



- NOTES:**
- 1) CHARGER COMPONENTS ARE CONNECTED WITH FLAME-RETARDANT SWITCHBOARD INSULATION TYPE WIRING, IDENTIFIED ON EACH END WITH NUMBER-CODED MARKERS. GROUND WIRE# 56 IS GREEN WITH YELLOW STRIPE. DIODES (CR1 & CR4) ARE ANODE-MOUNTED TYPE, WIRE TO CATHODE.
 - 2) CUSTOMER ALARM CONTACTS (TB3, TB4, etc.) ARE SOLDERLESS PLUG-IN TERMINALS, AND WILL ACCEPT #22-14 AWG. WIRE.
 - 3) WHEN REMOTE SENSE IS USED, WIRE# 36 CONNECTS A11-J18-06 TO REMOTE SENSE(-), AND WIRE# 38 CONNECTS A11-J18-08 TO REMOTE SENSE(+).
 - 4) SEE SCHEMATIC FOR TRANSFORMER (T1) PRIMARY CONNECTION TABLE.
 - 5) IN 130 VDC UNITS, TWD (2) BALLAST RESISTORS (R3A/B) ARE SUPPLIED EXTERNALLY AS SHOWN.
 - 6) FILTER CAPACITOR (C1) CONSIST OF TWD (2) CAPS CONNECTED IN PARALLEL FOR CERTAIN UNITS.

- FEATURED OPTIONS:**
- AC INPUT CKT BKR & FUSES
 - DC OUTPUT CKT BKR & FUSES
 - AUXILIARY RELAY PC BOARD
 - DC OUTPUT FILTERING
 - BATT ELIMINATOR FILTER
 - EXTERNAL TEMPCO PROBE
 - AC-IN LIGHTNING ARRESTOR

REV	ECN No	DATE	APP
1	E2141	091305	
0	E1204	040703	

THIRD ANGLE PROJECTION

DRAWN BY MCR 040703

APPROVED *[Signature]* 040703

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

HINDLEPOWER

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TITLE AT10.1 SERIES BATTERY CHARGER CONN DIAGRAM:
 GROUP II (30-100ADC) - W/ALL COMMON OPTIONS

DRAWING No **JE5034-99** REV 1 **B**

SCALE NTS PART No JE5034-99 SHEET 1 OF 1