



- NOTES:
- 1) THIS DRAWING SHOWS MAINFRAME POWER WIRING AND CUSTOMER-CONNECTION CONTACTS TO CONTROL PC BOARDS (A1 & A5). SEE DRAWING JE5094-00 FOR ALL CONTROL (SIGNAL) WIRING.
  - 2) NUMBER, TYPE AND ARRANGEMENT OF COMPONENTS DIFFER WITH UNIT ENCLOSURE TYPE. SEE CORRESPONDING INTERNAL COMPONENT DRAWING FOR EXACT LAYOUT.
  - 3) CHARGER COMPONENTS ARE CONNECTED WITH FLAME-RETARDANT SWITCHBOARD INSULATION TYPE WIRING, IDENTIFIED ON EACH END WITH NUMBER-CODED MARKERS.
  - 4) GROUND WIRE #10 IS GREEN WITH YELLOW STRIPE.
  - 5) TERMINAL ORIENTATION ON I/O PANEL (TB1) DIFFERS WITH UNIT ENCLOSURE TYPE. SEE CORRESPONDING INTERNAL COMPONENT DRAWING FOR EXACT LAYOUT.
  - 6) WHEN REMOTE SENSE IS USED, SEE DRAWING JE5094-00 FOR WIRING MODIFICATIONS.
  - 7) STANDARD CUSTOMER ALARM CONTACTS (TB3, TB4, etc.) ARE SOLDERLESS COMPRESSION SCREW TERMINALS, ACCEPTING #22-14 AWG WIRE.
  - 8) FREE-WHEELING DIODE (CR4) IS AN ANODE-MOUNTED COMPONENT AND CONNECTS DIRECTLY TO EITHER OR A16(-)BUS (AS SHOWN) OR R1-1(-).

FEATURED OPTIONS:  
 - AC INPUT CIRCUIT BREAKER  
 - DC OUTPUT CIRCUIT BREAKER

NOTE:  
 NUMBER, TYPE AND ARRANGEMENT OF CONTACTS ON 6-PULSE RECTIFIER ASSY (A16) VARIES, BASED UPON UNIT RATING. SEE RECTIFICATION SCHEMATIC LABEL ON SIDE OF SCR MODULE(S) FOR APPROPRIATE CONTACT POINTS.

				THIRD ANGLE PROJECTION				1075 Saint John Street Easton, PA 18042-6661 PH 610-330-9000 FAX 610-330-8510 www.hindlepowerinc.com	
				DRAWN BY	MCR	012607		TITLE	
				APPROVED	ND	012907		AT30 BATTERY CHARGER CONN DIAGRAM: MAIN POWER WIRING (STD W/O OPTIONS)	
1	20933	120107		DRAWING No		JE5093-00		REV	1
0	20527	012607	ND	SCALE		NTS		PART No	JE5093-00
REV	ECN No	DATE	APP	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		SHEET		1 OF 1	