



- 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

				THIRD ANGLE PROJECTION					
DRAWN BY		MCR		012607		TITLE		AT30 BATTERY CHARGER CONN DIAGRAM: MAIN POWER WIRING (STD W/O OPTIONS)	
APPROVED		ND		012907		DRAWING No		JE5093-00	
REV		ECN No		DATE		APP		UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:	
SCALE		NTS		PART No		JE5093-00		SHEET 1 OF 1	