



INPUT (VAC)	STEP 1: T1-PRI-AUX	STEP 2: CB1-AUX	STEP 3: TB1-AUX
120	E1-1 TO E1-2 E1-3 TO E1-4	E1-6 TO E1-8	TB1-L1 TO E1-09 TB1-L2 TO E1-11
208	E1-2 TO E1-3	E1-6 TO E1-5	TB1-L1 TO E1-09 TB1-L2 TO E1-11
240	E1-2 TO E1-3	E1-6 TO E1-8	TB1-L1 TO E1-09 TB1-L2 TO E1-11
480	E1-2 TO E1-3	E1-6 TO E1-7	TB1-L1 TO E1-10 TB1-L2 TO E1-12
ALL	T1-H5 TO T1-H6		

SYM	DESCRIPTION	SYM	DESCRIPTION	SYM	DESCRIPTION
A1	MAIN CONTROL PC BOARD	F3	AC INPUT FUSE	R12	"OUTPUT CURRENT ADJUST" POT
A2	METER POWER SUPPLY / RES ASSY PCB	F4	AC INPUT FUSE	R13	MAIN DC CURRENT-SENSING SHUNT
C1	FILTER CAPACITOR	L1	MAIN INDUCTOR	SD1	MAIN CTRL PCB (A1) INTERCONNECTOR
C2	BATTERY ELIMINATOR FILTER CAP	L2	FILTER INDUCTOR	SS1	DC OUTPUT SURGE SUPPRESSOR
C3	SNUBBER CAPACITOR	M1	DC OUTPUT AMMETER	SS2	AC INPUT SURGE SUPPRESSOR
C6	DC OUTPUT EMI FILTER CAP (+ TO -)	M2	DC OUTPUT VOLTMETER	SW1	"OUTPUT VOLTAGE SELECTOR" SWITCH
C7	DC AMMETER (M1) SIGNAL FILTER CAP	M3	AC INPUT AMMETER	SW2	"BATTERY/CHARGER VOLTAGE" SWITCH
C8	DC VMETER (M2) SIGNAL FILTER CAP	Q1	SILICON-CONTROLLED RECTIFIER	T1	POWER ISOLATION TRANSFORMER
CB1	AC INPUT CIRCUIT BREAKER	Q2	SILICON-CONTROLLED RECTIFIER	TB1	AC INPUT TERMINALS
CB2	DC OUTPUT CIRCUIT BREAKER	R1	BLEED RESISTOR	TB2	DC OUTPUT TERMINALS
CR1	POLARITY DIODE	R5	"OUTPUT VOLTAGE ADJUST" POT	TB16	METER POWER SUPPLY INTERFACE
CT1	AC CURRENT TRANSFORMER	R10	VMETER VOLTAGE DIVIDER RESISTOR	W1	COPPER BUS BAR (POS LEG)
DS01	"AC ON" INDICATOR LIGHT	R11	CURRENT LIMIT ADJUST POTENTIOMETER	W2	COPPER BUS BAR (NEG LEG)

6	21450	120808	 THIRD ANGLE PROJECTION	 1075 Saint John Street Easton, PA 18042-6661 PH 610-330-9000 FAX 610-330-8510 www.hindlepowerinc.com
5	20462	121506		
4	20385	102006	DRAWN BY MCR 021403	TITLE UNIVERSAL MAINTENANCE CHARGER (LMC) SCHEMATIC: BB0443-01 (10-50ADC)
3	20277	072006	ELECTRONIC APPROVAL SIGNATURES MAINTAINED BY MFG ECN LOG	DRAWING No JE5039-50
2	20100	051606	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:	REV 6 B
REV	ECN No	DATE	SCALE NTS	PART No JE5039-50
				SHEET 1 OF 1