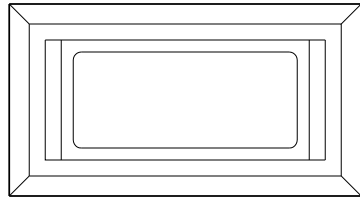
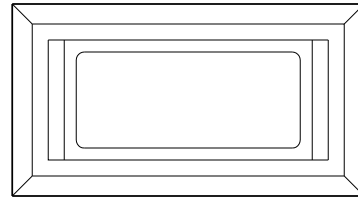


CHARGER VOLTAGE  BATTERY VOLTAGE  
VOLTAGE CHECK

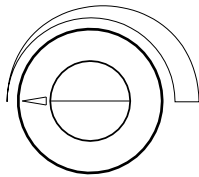
**UMC**  
Universal  
Maintenance  
Charger



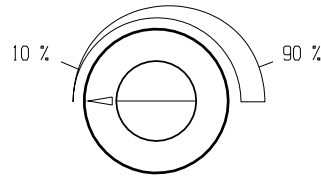
DC OUTPUT VOLTAGE



DC OUTPUT CURRENT



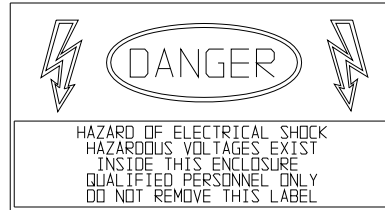
10 TURN  
OUTPUT VOLTAGE  
ADJUSTMENT



OUTPUT  
CURRENT LIMIT  
ADJUSTMENT



24 VDC 130 VDC 48 VDC  
VOLTAGE SELECTOR



**QUICK SET UP:**

TURN OFF ALL POWER AND TURN OFF BATTERY CHARGER'S INPUT & OUTPUT BREAKERS CB1 & CB2

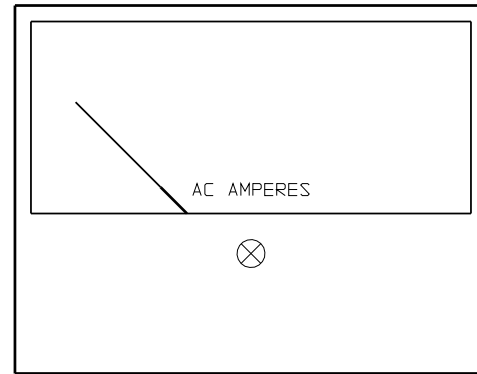
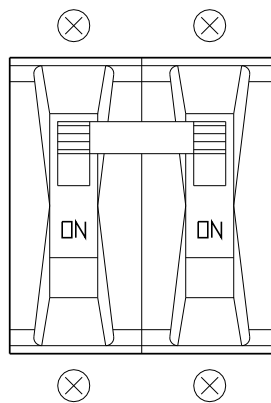
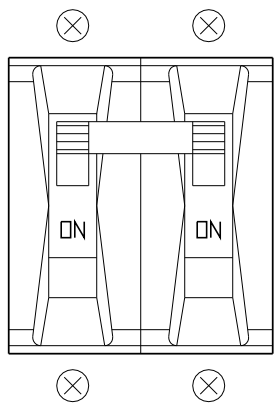
1. CONNECT THE INPUT TERMINALS TO AVAILABLE AC POWER.
2. SEE TABLE/NAMEPLATE FOR INPUT CURRENTS REQUIRED.
3. ADJUST THE OUTPUT CURRENT LIMIT TO MINIMUM CW, IF REDUCED INPUT/OUTPUT CURRENTS ARE REQUIRED.
4. MOVE INPUT JUMPERS ON I/O TO MATCH YOUR INPUT VOLTAGE. SEE CONNECTION CHART BELOW OR INSIDE THE ENCLOSURE.
5. CONNECT CABLES TO DC BUS OR BATTERY. PROPERLY RATE WIRE SIZE FOR THE CURRENT REQUIRED.
6. SELECT OUTPUT VOLTAGE RATING 130V, 48V OR 24V USING THE VOLTAGE SELECTOR SWITCH.
7. PRESS VOLTAGE CHECK SWITCH TO CHARGER VOLTAGE.
8. TURN ON AC SOURCE AND THE AC BREAKER; ADJUST OUTPUT VOLTAGE TO DESIRED SET POINT.
9. PRESS VOLTAGE CHECK SWITCH TO BATTERY VOLTAGE. CHECK FOR PROPER POLARITY AND VOLTAGE.
10. TURN ON DC BREAKER; CURRENT WILL BE DISPLAYED ON THE AC AND DC AMMETERS.
11. INCREASE CURRENT LIMIT ADJUSTMENT CW TO DESIRED OUTPUT/INPUT CURRENT.

○ AC INPUT BREAKER ○

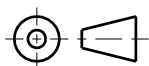
○ DC OUTPUT BREAKER ○



○ AC ON ○



○ AC INPUT AMMETER ○

9	-N/A-	091121	 THIRD ANGLE PROJECTION	TITLE UNIVERSAL MAINTENANCE CHARGER (UMC) INSTRUMENT PANEL DETAIL		
8	25942	042417				
7	25864	030817	DRAWN BY MCR 021403	DRAWING No JE5038-50 REV 9 <b>B</b>		
6	21450	120808	ELECTRONIC APPROVAL SIGNATURES MAINTAINED BY MFG ECN LOG			
5	20462	121506	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:	SCALE NTS	PART No JE5038-50	SHEET 1 OF 1
REV	ECN No	DATE				