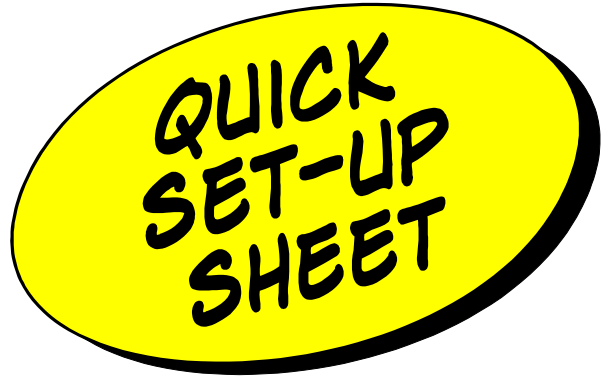
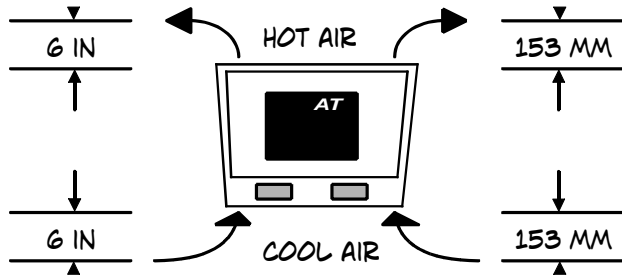


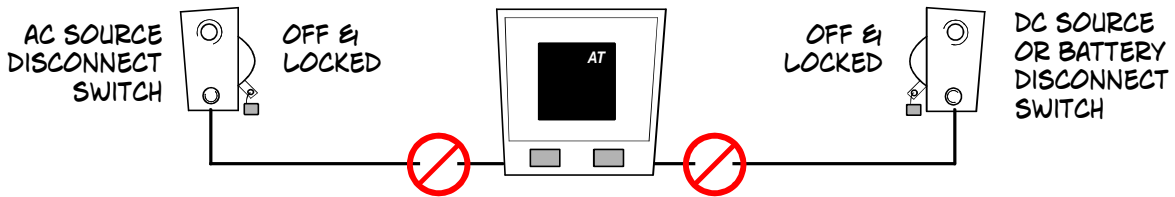
# 1) LOCATION

PLACE THE CHARGER IN A WELL VENTILATED AREA



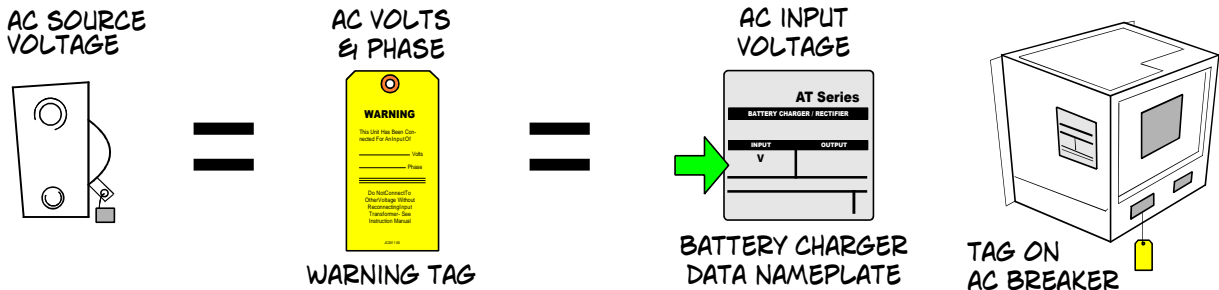
# 2) SAFETY FIRST

DISCONNECT AND LOCK-OUT ALL AC SOURCES AND DC BATTERY VOLTAGES



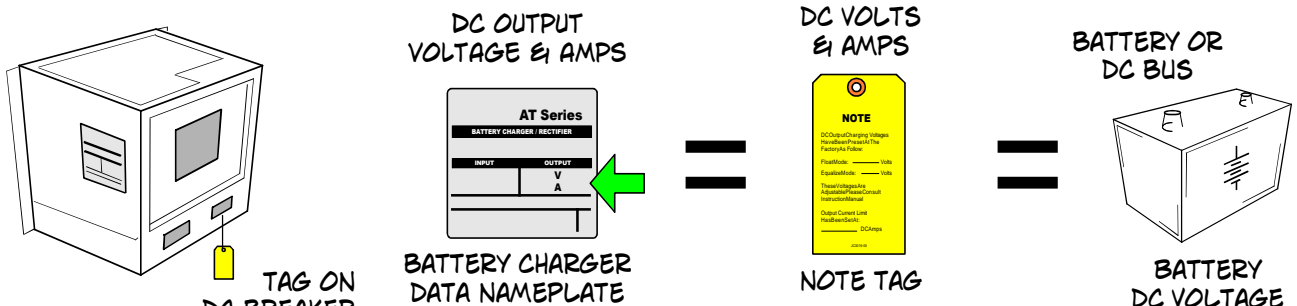
# 3) ELECTRICAL CONNECTIONS

A) CONNECTING AC POWER TO THE CHARGER



ALL THESE PARAMETERS MUST MATCH !

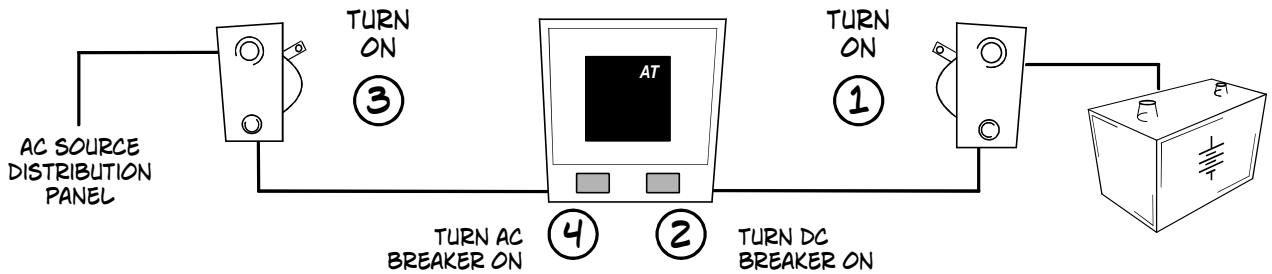
B) CONNECTING THE BATTERY OR DC BUS



ALL THESE PARAMETERS MUST MATCH !

# 4) STARTING THE CHARGER

RECHECK YOUR WIRING! IF IT IS CORRECT, FOLLOW THE START SEQUENCE BELOW



# 5) SETTING THE PARAMETERS

ADJUSTABLE PARAMETERS (IN SELECTION ORDER):-

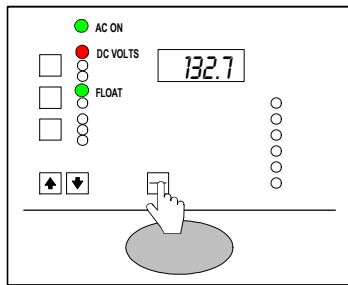
- 1) FLOAT VOLTAGE
- 2) EQUALIZE VOLTAGE
- 3) EQUALIZE TIMER HOURS
- 4) HIGH DC VOLTAGE ALARM
- 5) LOW DC VOLTAGE ALARM
- 6) CURRENT LIMIT

PRESS THE ENTER KEY ONCE TO BEGIN THE ADJUSTMENT PROCESS. THE FIRST VALUE (FLOAT VOLTAGE) WILL BE DISPLAYED. ADJUST THIS VALUE BY PRESSING THE UP OR DOWN ARROW KEYS. PRESS "ENTER" AGAIN TO SAVE AND ADVANCE TO THE NEXT PARAMETER FOR ADJUSTMENT. REPEAT THIS PROCESS TO ADJUST THE REST OF THE PARAMETERS LISTED ABOVE.

IF NO KEYS ARE PRESSED FOR 25 SECONDS, THE CHARGER WILL RETURN TO NORMAL OPERATION.

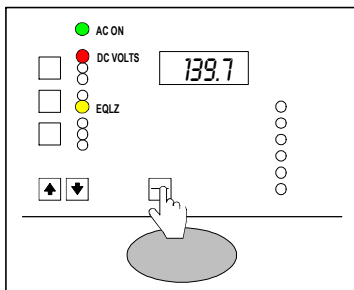
FOR FURTHER INSTRUCTIONS BE SURE TO READ THE OPERATING AND SERVICE INSTRUCTIONS OR VISIT ONLINE AT... [WWW.ATSERIES.NET](http://WWW.ATSERIES.NET)

1) SETTING THE  
FLOAT VOLTAGE



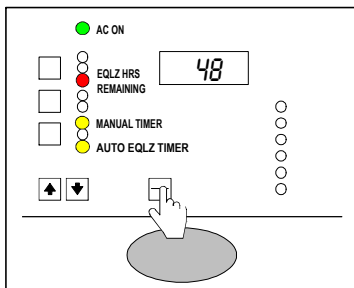
- PRESS EDIT/ENTER KEY  
RED DC VOLTS LED WILL FLASH  
GREEN FLOAT LED WILL FLASH  
LCD DISPLAY WILL FLASH THE FLOAT VOLTAGE
- PRESS THE ARROW KEYS  
UP ARROW KEY WILL INCREASE  
DOWN ARROW WILL DECREASE
- PRESS EDIT/ENTER KEY  
WILL SAVE YOUR CHANGES  
AND GO TO THE NEXT PARAMETER

2) SETTING THE  
EQUALIZE VOLTAGE



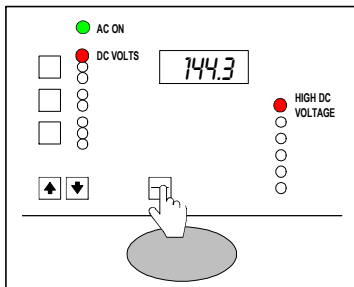
- PRESS EDIT/ENTER KEY  
RED DC VOLTS LED WILL FLASH  
YELLOW EQLZ LED WILL FLASH  
LCD DISPLAY WILL FLASH THE EQLZ VOLTAGE
- PRESS THE ARROW KEYS  
UP ARROW KEY WILL INCREASE  
DOWN ARROW WILL DECREASE
- PRESS EDIT/ENTER KEY  
WILL SAVE YOUR CHANGES  
AND GO TO THE NEXT PARAMETER

3) SETTING THE  
EQUALIZE  
TIMER HOURS



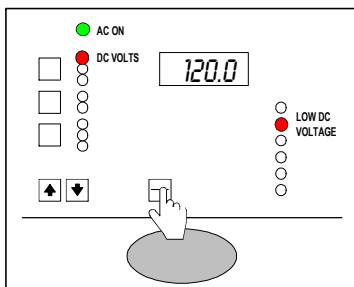
- PRESS EDIT/ENTER KEY  
RED EQLZ HRS REMAINING LED WILL FLASH  
YELLOW LEDS MANUAL TIMER AND AUTO-EQLZ TIMER WILL FLASH  
LCD DISPLAY WILL FLASH THE EQLZ HOURS
- PRESS THE ARROW KEYS  
UP ARROW KEY WILL INCREASE  
DOWN ARROW WILL DECREASE
- PRESS EDIT/ENTER KEY  
WILL SAVE YOUR CHANGES  
AND GO TO THE NEXT PARAMETER

4) SETTING THE  
HIGH DC VOLTAGE  
ALARM



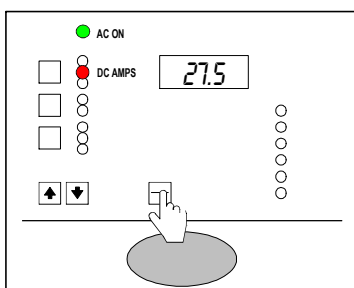
- PRESS EDIT/ENTER KEY  
RED DC VOLTS LED WILL FLASH  
RED HIGH DC VOLTAGE WILL FLASH  
LCD DISPLAY WILL FLASH THE HIGH DC VOLTAGE ALARM
- PRESS THE ARROW KEYS  
UP ARROW KEY WILL INCREASE  
DOWN ARROW WILL DECREASE
- PRESS EDIT/ENTER KEY  
WILL SAVE YOUR CHANGES  
AND GO TO THE NEXT PARAMETER

5) SETTING THE  
LOW DC VOLTAGE  
ALARM



- PRESS EDIT/ENTER KEY  
RED DC VOLTS LED WILL FLASH  
RED LOW DC VOLTAGE WILL FLASH  
LCD DISPLAY WILL FLASH THE LOW DC VOLTAGE ALARM
- PRESS THE ARROW KEYS  
UP ARROW KEY WILL INCREASE  
DOWN ARROW WILL DECREASE
- PRESS EDIT/ENTER KEY  
WILL SAVE YOUR CHANGES  
AND GO TO THE NEXT PARAMETER

6) SETTING THE  
CURRENT LIMIT



- PRESS EDIT/ENTER KEY  
RED DC AMPS LED WILL FLASH  
LCD DISPLAY WILL FLASH THE LIMIT SETTINGS
- PRESS THE ARROW KEYS  
UP ARROW KEY WILL INCREASE  
DOWN ARROW WILL DECREASE
- PRESS EDIT/ENTER KEY  
WILL SAVE YOUR CHANGES  
AND END THE ADJUSTMENT ROUTINE