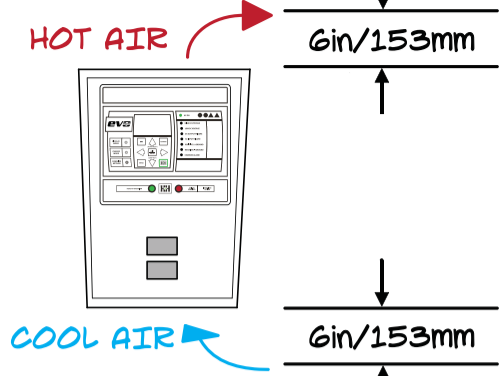


CHECK ONCE COMPLETED



1) LOCATION

PLACE THE CHARGER IN A WELL VENTILATED AREA

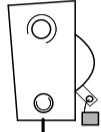


2) SAFETY FIRST

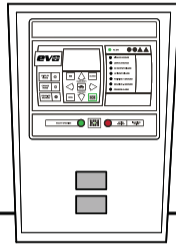
DISCONNECT AND LOCK-OUT ALL AC SOURCES AND DC BATTERY VOLTAGES



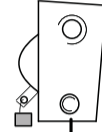
AC SOURCE DISCONNECT SWITCH



OFF AND LOCKED



OFF AND LOCKED

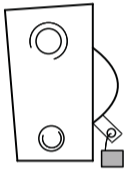


DC SOURCE OR BATTERY DISCONNECT SWITCH

3) ELECTRICAL CONNECTIONS

A) CONNECT AC POWER TO THE CHARGER

AC SOURCE VOLTAGE



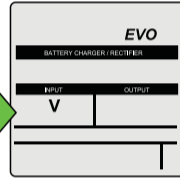
AC VOLTS AND PHASE



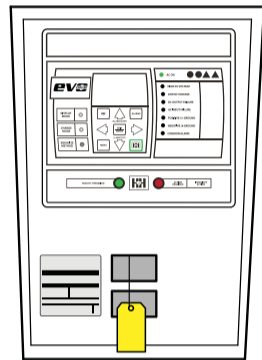
WARNING TAG



AC INPUT VOLTAGE



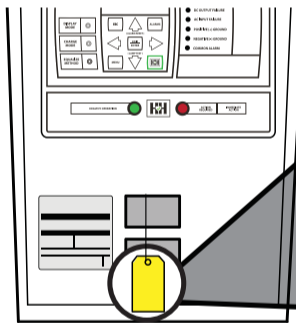
BATTERY CHARGER DATA NAMEPLATE



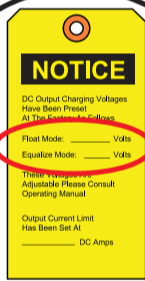
TAG ON AC BREAKER

ALL THESE PARAMETERS MUST MATCH!

B) CONNECT THE BATTERY OR DC BUS



TAG ON DC BREAKER

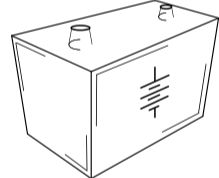


FACTORY PRESET VOLTAGES

Float Mode: _____ Volts
Equalize Mode: _____ Volts



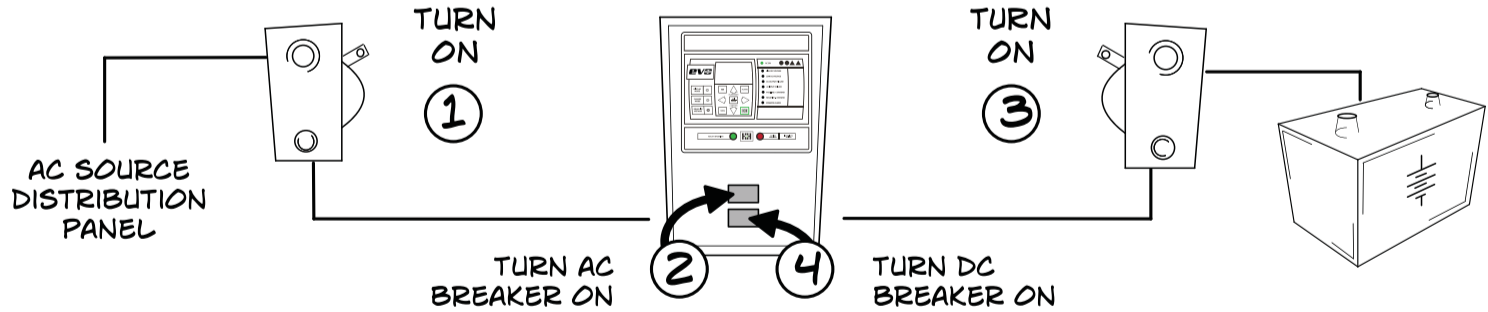
BATTERY OR DC BUS



PLEASE CHECK THE OPERATING INSTRUCTIONS PROVIDED WITH YOUR BATTERY FOR PROPER CHARGING VOLTAGES

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.

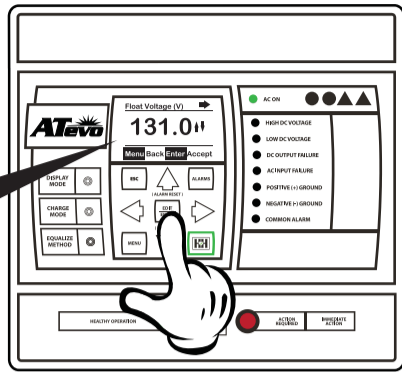
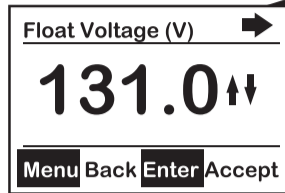
FOR FURTHER INSTRUCTIONS BE SURE TO READ THE OPERATING AND SERVICE INSTRUCTIONS OR VISIT ONLINE AT ... ATSERIES-NET



PLEASE CHECK THE OPERATING INSTRUCTIONS PROVIDED WITH YOUR BATTERY FOR PROPER CHARGING VOLTAGES

5-1) SETTING THE FLOAT VOLTAGE

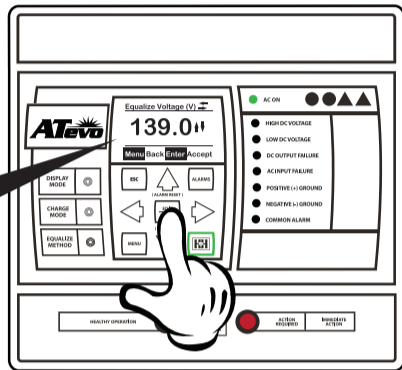
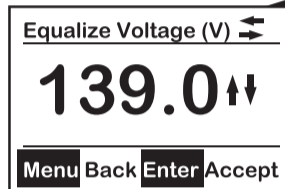
SEE MANUAL SECTION 3.3



- PRESS EDIT/ENTER KEY
LCD SCREEN WILL DISPLAY 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

5-2) SETTING THE EQUALIZE VOLTAGE

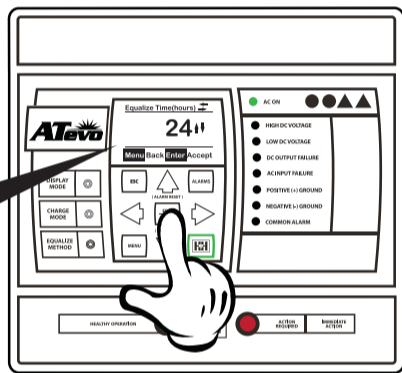
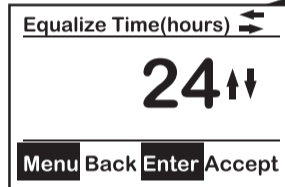
SEE MANUAL SECTION 3.3



- PRESS EDIT/ENTER KEY
LCD SCREEN WILL DISPLAY THE EQUALIZE 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

5-3) SETTING THE EQUALIZE TIMER

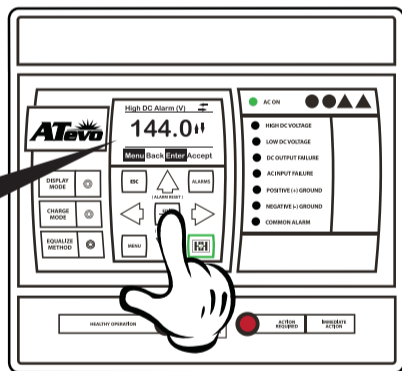
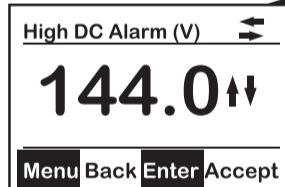
SEE MANUAL SECTION 3.3



- PRESS EDIT/ENTER KEY
LCD SCREEN WILL DISPLAY THE EQUALIZE TIMER
- 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

5-4) SETTING THE HIGH DC VOLTAGE ALARM

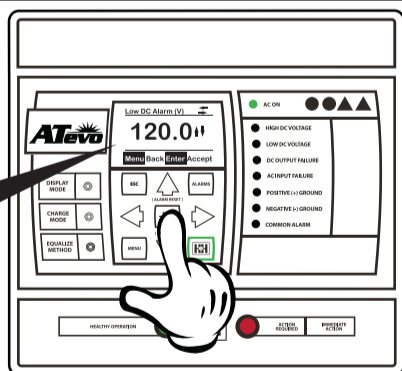
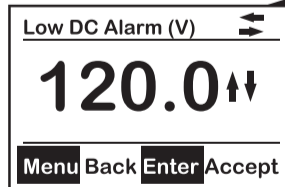
SEE MANUAL SECTION 3.3



- PRESS EDIT/ENTER KEY
LCD SCREEN WILL DISPLAY THE HIGH DC ALARM (V)
- 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

5-5) SETTING THE LOW DC VOLTAGE ALARM

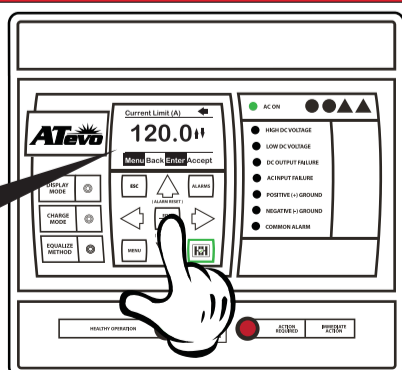
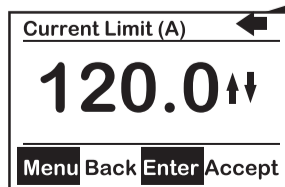
SEE MANUAL SECTION 3.3



- PRESS EDIT/ENTER KEY
LCD SCREEN WILL DISPLAY THE LOW DC ALARM (V)
- 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

5-6) SETTING THE CURRENT LIMIT

SEE MANUAL SECTION 3.3



- PRESS EDIT/ENTER KEY
LCD SCREEN WILL DISPLAY THE CURRENT LIMIT
- 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