

VECTRA SERIES

BY



V12150/250

INSTALLATION AND OPERATING INSTRUCTIONS

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed, including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

All servicing should be performed by qualified personnel only.

Do not use this equipment outdoors.

Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.

The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.

Do not let power supply cords touch hot surfaces.

Do not mount near gas or electric heaters.

CAUTION: Halogen cycle lamp(s) are used in this equipment. To avoid shattering: Do not operate lamp in excess of rated voltage, protect lamp against abrasion and scratches and against liquids when lamp is operating, dispose of lamp with care.

Halogen cycle lamps operate at high temperatures. Do not store or place flammable materials near lamp.

CAUTION: "To avoid electrical overload, total connected lamp load (factory and field installed) should not exceed output rating."

Do not use this equipment for other than intended use.

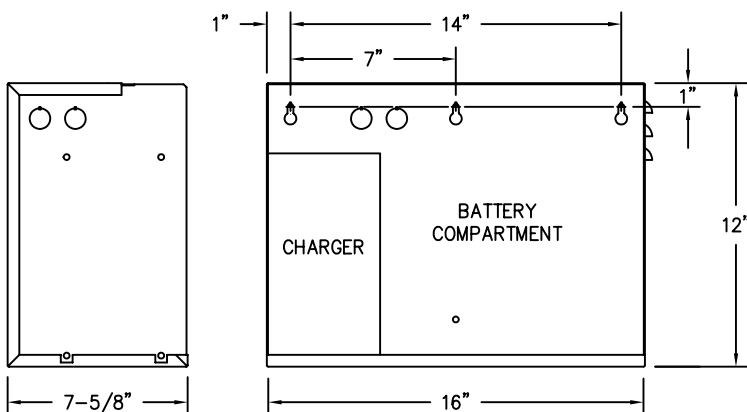


FIGURE 1

SAVE THESE INSTRUCTIONS

WARNING

Shut off AC power to branch circuits to which units will be connected. All wiring should be per National Electrical Code and local regulations.

INSTALLATION INSTRUCTIONS

(Refer to figure 1 for cabinet dimensions)

1. Remove (2) cover screws and cover and set both aside.
2. IF NECESSARY:
Remove the (4) charger screws located on left end of the cabinet, lift out charger and set aside.
3. Cabinet may be mounted directly to a wall or optional shelf (P/N. MXSHELF) may be utilized.

NOTE: Fasteners used to mount cabinet or shelf must be able to support a minimum load of 100Lb.

4. Remove appropriate conduit knockouts, keyhole knockouts and lamp head knockouts as required. Mount cabinet or shelf and cabinet.
5. Replace charger and mount lamp heads to top of cabinet as required.
6. Connect cabinet mounted lamp wires to "LOAD 1" terminals on terminal block.
7. Connect remote lamp wires to "LOAD 2" terminals on terminal block.
8. Turn AC service switch, if supplied, to "OFF".
9. Make electrical hookups at this time to "AC Input" terminals on terminal block. This unit is suitable for 120VAC or 277VAC, 50/60 Hz operation. Check that connections are made to proper terminals.

V12150/250

10. Connect ground wire to green ground wire on charger chassis.
11. Position battery or batteries in cabinet as shown in figure 2 or 3.
12. Connect battery leads as shown in figure 2 or 3.

NOTE: Observe polarity. Improperly connected batteries will result in equipment failure and will void warranty.

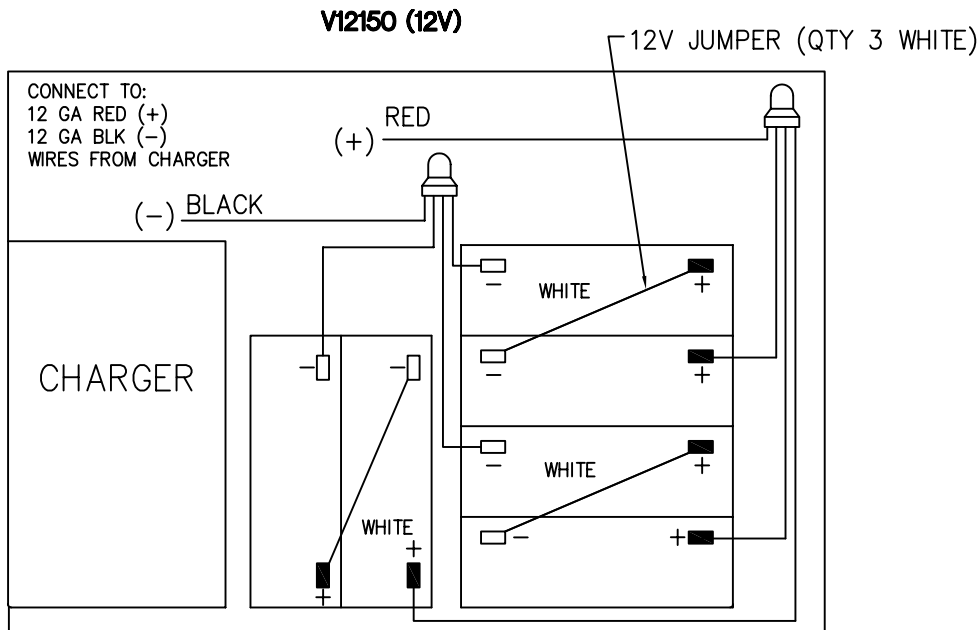


FIGURE 2

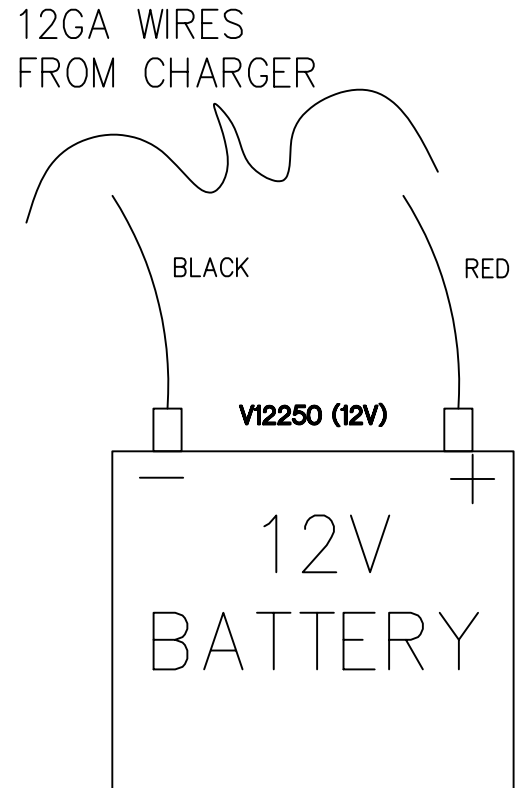


FIGURE 3

INSTRUCTIONS - OPERATING

1. Energize AC power to equipment and turn service switch, if supplied, to "ON". Unit will charge initially until battery voltage is achieved.
2. Press test switch and observe charge monitor light. Upon release of test switch the light will be red, indicating that the battery is receiving high rate of charge. After charge is complete, the charge monitor light will be green.
3. Observe illuminating of lamp heads when test switch is depressed.
4. Leave AC connected for a minimum of 24 hours before performing any abbreviated testing. Full recharge of battery may take up to one (1) week.
5. The battery provided in this equipment is sealed and requires no maintenance.

NOTE:

1. This equipment is provided with a lockout feature whereby connecting battery leads prior to energizing AC power will not turn on the emergency lamps. After AC power is energized the emergency lamps will turn on upon AC power failure.
2. This equipment is provided with a low battery disconnect feature which prevents full discharge of batteries. If the building is to be unoccupied for an extended period and AC power is shut off, the batteries should be unplugged from the charger to prevent damage.