

3M™ WIBGET™ Heat Stress Monitor RSS-214 – Battery Maintenance

The battery must be replaced in a non-hazardous area only. Battery replacement is not an intrinsically safe operation.

The Monitor is powered by the rechargeable 9v NiMH battery or with the external charger. In addition the WIBGET monitor can operate on a Duracell ® MN1604 or Eveready ® 522 9v alkaline battery.

The battery should be replaced when the detector indicates a low battery condition or according to an establish change schedule. To remove it:

- a) Turn off the unit.
- b) Unscrew the four screws from the rear case of the detector.
- c) Open the instrument.
- d) Remove the 9v battery, noting the location.
- e) Replace the battery.
- f) Replace the rear case and the four screws.
- g) Turn the unit on to confirm proper operation.

Charging the NiMH Battery

- a) “LOBAT” will appear in the upper right-hand corner of the display when the battery nears full discharge. For continuous monitoring or to recharge the battery:
 - a. Plug the charger into the receptacle (12vdc) located on the lower left side of the monitor
 - b. Plug the charger into a suitable electrical outlet.

Recharging requires a minimum of 12 hours. NiMH batteries may be recharged many times, however they eventually degrade and require replacement.