

WEB600

SENSAPHONE BATTERY BACKUP



DESCRIPTION & INSTALLATION

The WEB600 Battery Backup module (FGD-W610-B) provides uninterrupted backup power when main power fails. The module includes a rechargeable battery and charge control circuitry to keep the battery fully charged while connected to a powered WEB600. The module can provide up to 2 hours of backup time in the event of a power failure. The battery module connects to the WEB600 using a short cable included with the battery module. Simply connect the cable to the Battery Backup connector on the WEB600. The unit will charge the battery and monitor its charge level. The percent charge can be viewed on the Summary screen. Note that upon initial connection it may take up to 5 minutes for the WEB600 to discover that a battery has been connected. Once the WEB600 sees the battery it will enable the battery channel on the Battery programming screen (see Zones menu).

To receive a low battery alarm you must enable Alarm Message Delivery and configure the Alarm Schedule accordingly. You must also set a Low Alarm Limit – a minimum value of 20% is suggested. Once the battery reaches 0% the WEB600 will shutdown the system to protect the battery from deep discharge damage. When main power is restored the Battery Backup module will begin to recharge the battery automatically.

BATTERY MAINTENANCE

The battery in the FGD-W610-B is a 6V 1.3AH sealed lead-acid (SLA) battery. This battery will keep the unit operating for approximately 2 hours when fully charged and under normal operating conditions.

SERVICE LIFE

Over time and with periodic use, the battery will begin to lose its capacity, resulting in less overall backup time. Under normal operating conditions, three or four years of dependable service life can be expected or between 200 and 1000 charge/discharge cycles, depending on the average depth of discharge. Eventually, battery replacement will be required to maintain a dependable level of service.

REPLACING THE BATTERY

The battery can be replaced by following the instructions listed below. Replace ONLY with a rechargeable 6V 1.3AH sealed lead-acid battery. Replacement batteries are available from Sensaphone. Be sure to follow the instructions in order as listed:

- 1) Disconnect the Battery Backup module cable from the WEB600.
- 2) Remove the four screws on the top cover.
- 3) Remove the battery from the enclosure and disconnect the wires from the battery.
- 4) Attached the red & black wires to the new battery connecting the red wire to the positive terminal and the black wire to the negative terminal.
- 5) Place the battery inside the enclosure.
- 6) Re-install the cover and four screws.
- 7) Reconnect the cable to the WEB600.