

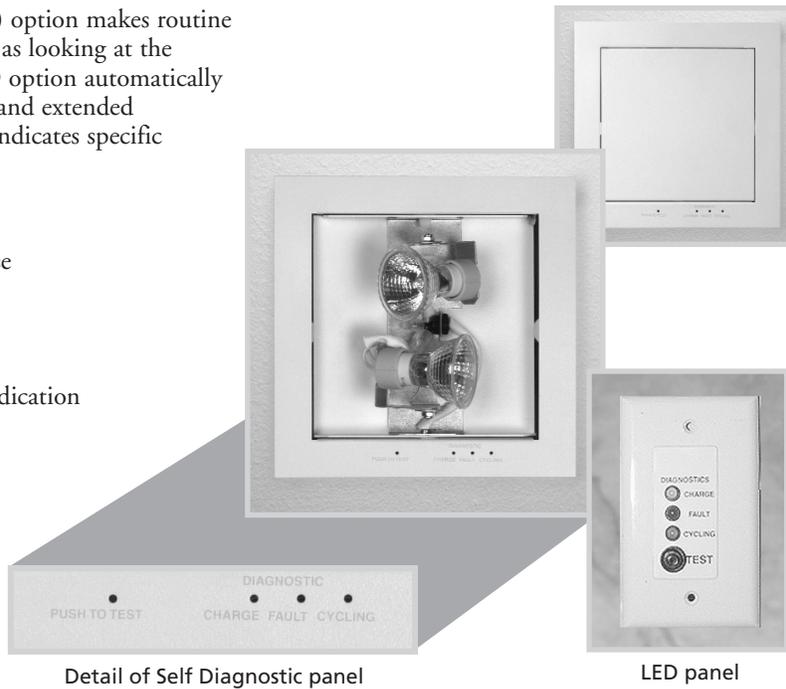
SELF-DIAGNOSTIC

Self-Diagnostic

The SD (Self-Diagnostic) option makes routine maintenance as effortless as looking at the diagnostic panel. The SD option automatically provides battery exercise and extended testing. The LED panel indicates specific component status.

Features

- Monthly battery exercise
- Battery monitoring
- Charger monitoring
- Replacement battery indication
- LED lamp status



The SD self-diagnostic option allows maintenance personnel to monitor system status at a glance.

This SD option automatically cycles the unit every 25-30 days. While it is cycling, the monitoring circuits check the battery to ensure that it will deliver the power needed to maintain the load for a 1Z/x hours. The SD option does not use the lamps to test the battery; rather there is a predetermined resistive load within the option, thus avoiding lamp life reduction.

The SD option also recognizes problems while the unit is in a standby mode. During this period, the monitoring circuits check the charger voltage to see if an overcharge or undercharge is occurring. If either an overcharge or undercharge exists, the fault indicator will illuminate.

The amber LED indicates cycling and will only illuminate if the unit is self-testing. The LED stays lit for the duration of the test cycle, normally 15-20 minutes.

The red LED indicates a fault condition. The LED will come on and flash when a fault condition exists. The unit does not have to go through a cycle test to indicate a fault. The circuits are monitoring the charger at all times.

The green LED indicates charge and utility power. This LED is on during the standby mode.

The test switch is used to test the unit at any time. When a fault condition occurs, the indicator will flash. Once the problem is corrected, the test switch is used to reset the SD circuit.

OPTIONS &
TECHNICAL DATA