

## Texas Fire Department Case Study

PowerPulse extends battery life and saves Fire Department money in both material costs and manpower.

### Challenge:

A Texas Fire Department replaced the six batteries in each fire engine every 15-20 months at a cost of \$570 per engine for the batteries plus the cost of manpower needed to perform the job. In an effort to reduce material costs, be more environmentally conscious and reduce the number of man hours spent performing this task the Fire Department looked for a better way.

### Results:

Two PowerPulses were installed on each engine for a total cost of \$90. After a full year of installation, the batteries were tested and all showed a higher CCA reading than the 760 CCA when they were brand new.

The cost for this Texas Fire Department to replace batteries over a five year period is over \$2,500 per fire engine. However, with the use of two PowerPulses, costs fall to \$660, representing a 74% savings.

