

## BOWMAN MANUFACTURING CO.

*Forming the Future*

### Generator-Based Backup Power for Telecom

Bowman's Backup Power System provides both battery and generator backup power for telecom systems. The unit shown is configured for cable TV. In the event of utility power failure, the power supplies (such as Antec TSPs or Alpha XMs) draw on the batteries to continue to supply the (commonly) 90 volts AC to the cable system. If the utility outage persists, the generator automatically starts, and after a warm-up period, the power supplies begin to draw their power from the generator instead of the batteries.



The system includes the 6.2 KW AC generator, space for 4 – 100 amp hour batteries and 2 – 2.5 KW power supplies, the transfer switch, and provision for maintenance bypass using a separate power supply. The generator is fueled by either natural gas or propane.



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