

## Battery Operated Fireset (KVA-DC-1150)



### Key Points

- **High Reliability**
- **4 'C' Cell Batteries**
- **> 50,000 Operations**

The Battery Operated Fireset is self-contained, powered by four (4) "C" cell batteries and is housed in a watertight Pelican™ case. The eight (8) Joule fireset provides the capability to initiate detonators from a maximum cable length of 100". This fireset provides long operating life in excess of 50,000 operations before degradation occurs. This high efficiency system provides approximately 100 operations from a single set of batteries depending upon environmental conditions. Prior to high voltage charging, a battery check is conducted to determine if the power pack has sufficient energy for high voltage charging. The Battery Operated Fireset implements a single shot operation so that after the firing pulse occurs, the fireset is locked out. Recycling the "ARM" switch resets the system for another operation.

### Operating Specifications

|                         |                  |
|-------------------------|------------------|
| Power (Battery)         | 4 'C' Cells      |
| Output Voltage          | 4 kV             |
| Unit Energy             | 8 J              |
| Operating Temperature   | - 25 C to + 71 C |
| Storage Temperature     | -55 C to +125 C  |
| Recommended Firing Wire | < 100' Twin Lead |
| Number of Shots         | > 50,000 shots   |

### Physical Specifications

|                          |   |
|--------------------------|---|
| Size                     | 9.12" x 7.56" x 4.37"   |
| Connectors               | Output: 2 each  |
| Environmentally Hardened | Water-tight, Crush Proof and Dust Proof<br>Automatic Pressure Equalization Valve<br>O-Ring Seal |