

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 Automatic Pressure Equalization Valve O-Ring Seal