



RESEARCH ENERGY OF OHIO

Spec Sheet - Model: CD450-50J

Model No.: CD450-50J
Energy Output: 450 Volts / 50 Joules
Capacity: 222 Ohms
 (105 Electric Blasting Caps)
Parallel Series: 8 Series of 63 2-ohm
 Electric Blasting Caps
Weight: 5.2 lbs.
Size: 10.3" x 7.3" x 4.1"
Power Source: Eight 1.5 Volt "AA" Cell Batteries



FEATURES:

- Solid-state circuitry assures excellent reliability and service life
- Safety Interlock.
- Sturdy construction for extended service life.
- Rugged water and environmentally sealed to operate in most weather.
- Heavy-duty, long life, ALKALINE batteries provide efficient and dependable power.
- Fast battery change, temperature compensated circuits facilitate cold weather operation.

OPERATION:

- This equipment must be operated in accordance with US Federal health and safety standards, state laws, rules and other applicable statutory provisions.
- Devices such as the REO Blasting Machine Energy Testers must be used to determine the energy output of each circuit prior to each blast.
- After the lead lines have been connected to the blasting machine, depress the CHARGE switch and hold it down.
- When the READY TO FIRE indicator lights, depress the FIRE switch while continuing to depress the CHARGE switch. Unless the CHARGE and FIRE switches are operated together, the machine will not fire.

BATTERY LIFE: UP TO 475 Charges

- A lighted READY TO FIRE indicator confirms that the battery power was sufficient to charge the capacitors to the design voltage and the safety circuit is released.
- After months of firing cycles, a longer charge time will be required. However, regardless of battery condition, the full design voltage is present and the unit's safety circuits are released if the READY TO FIRE indicator is illuminated.