

Hand-Crank Generator

EL-GENHAND

This hand-cranked DC generator demonstrates the conversion of mechanical energy to electrical energy. Turning the crank produces an electric current that causes the light bulb to glow. The faster the crank is turned, the brighter the bulb shines. The generator produces 6 volts and a maximum output of 0.2 amps.

Use the included wire leads and the colored terminals below the bulb to connect the generator to a multimeter for measuring output or to another load, such as a small DC motor. The red terminal is positive and the black is negative.

The generator is designed as a demonstration device and not for hard use: the gears are made from ABS plastic and will wear down with use. Replacement gears are available from Home Science Tools (item EL-GENGEAR). A replacement bulb is also available (item EL-LAMP6).

Call 800.860.6272 or visit us at www.homesciencetools.com