**Introduction**

XHKJ-1000 is a portable device, which can apply to overhead line small current grounding power system. It is use to pinpoint the earth fault when line break down when single phase grounding fault happen. The kit includes transmitter, sensor and receiver and the accessories.

After the overhead line stop running, the transmitter will inject ultralow frequency HV signal to the line to reappear the fault. Detect along with the line by the sensor and it will transmit data to the receiver by wireless mode. The receiver will collect and display this detect result.

**Features**

- Principle: ultralow frequency signal transmission technology.
- Wide range: up to 30 km.
- Anti-interference: ultralow frequency signal to avoid capacitor influence.
- Apply to small current neutral grounding distribution power system.
- Safe transmitter by black and short-circuit function.
- Light and easy to carry.
- Large LCD display interface.

XHKJ-1000 Overhead Line Fault Location System

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### Transmitter

- Open circuit voltage: 8 kV
- Short circuit current: 100 mA
- Output frequency: 1 Hz
- Power: AC 220V, or generator, car inverter Max. power 900W
- Size: 350*210*300mm
- Weight: 12 kg

### Receiver

- Accuracy: 0.2m
- Distance from the transmitter: Below 30 m
- Power: 5*AA dry battery
- Size: 205*100*35mm
- Weight: 0.45 kg

### Optional: Portable Mobile Power-Smart Power

- Output peak value: 2000W
- Output voltage: AC pure sine wave 220V/50HZ
- DC: 12V/10A, 5V/2A
- Battery model: Samsung ICR 18650-26FM
- Charging time: Car engine start 6h
- Car engine start: 12V
- Size (mm): 346x247x174 (LxHxW)
- Weight: 7kg