



### Product Function

After the operator wears the alarm, and close to the high voltage live body for a certain distance, the alarm will make a sound and light alarm according to the safety distance of the corresponding voltage level to remind the electrical worker to pay attention to safety and avoid high voltage electric shock accident. This product can also be used for line fault detection and electro-scope.

### Product Feature

1. Provide a safe, practical and convenient new style high voltage alarm device for high voltage approach electric operator.
2. Adopt with non-contact induction technology, alarm accurately, power saving and durable, standby time up to 12 months.
3. All-directional induction voltage power source, automatic trigger detection mode, with sound and light alarm mode, to ensure the safety of near electricity workers.

### Technical Specification

**1.Voltage Level and Alarm Distance** (The safety distance is in accordance with "GB 26860-2011 Electric Power Safety Working Regulations-Electrical Part of Power Plants and Substations" and "GB 26859-2011 Electric Safety Working Regulations-Power Line Part")

Model	Voltage Level	safe distance	Alarm Distance	Model	Voltage Level	Alarm Distance
ETCR1860	1KV		0.10m	ETCR1860C	40V	5cm
	6.6KV		0.70m		110V	10cm
	10KV	0.70m	1.00m		220V	15cm
	35KV	1.00m	1.60m		600V	40cm
	66KV	1.50m	2.20m		1KV	60cm
	110KV	1.50m	2.50m			
	220KV	3.00m	3.50m			
	330KV	4.00m	4.50m			
	500KV	5.00m	5.50m			

### 2.Technical Parameters

<b>Power Supply</b>	CR1632 (140mAH) button cell 1PCS
<b>Alarm Voltage Range</b>	ETCR1860: 1kV~500kV(high voltage alarm); ETCR1860C: 40V~1kV(Low voltage alarm)
<b>Working Frequency</b>	50Hz/60Hz
<b>Electricity Testing Mode</b>	Non-contact mode
<b>Detection Mode</b>	Automatic trigger
<b>Alarm Distance Error</b>	±10cm (under base condition)
<b>Battery Life</b>	Continues working (sound and light alarm) : about 24 hours
	Standby: about 12 months
<b>Alarm Mode</b>	Indicator: LED light visibility under 8000LX visible light
	Buzzer: above 60dB (60cm apart)
<b>Protection Level</b>	IP54
<b>Weight</b>	About 0.8kg(include accessories)
<b>Dimensions</b>	90mmX40mmX35mm
<b>Working Temperature</b>	-10℃~40℃; below 80%RH
<b>Accessories</b>	Alarm:1PCS; Button cell :1PCS; Plastic Coin (use for replace battery): 1PCS