# **ETCR**<sup>®</sup>

# ETCR1880/1880C H/L Voltage Helmet Alarm





#### **Product Function**

The alarm is worn on the helmet, and the front of the alarm is facing outwards

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 vol tage electric shock accident. This product can also be used for line fault detection and electroscope.

## **Product Feature**

- 1. Provide a safe, practical and convenient new style high voltage alarm device for high voltage approch electric operater. It is especially suitable for the site of overhead high voltage line.
- 2. The alarm equip with anti-slip rubber pads that can be firmly fixed on the helmet and is very convenient to install or remove.
- 3. Adopt with non-contact induction technology, alarm accurately, power saving and durable, standby time up to 12 months.
- 4. All-directional induction voltage power source, automatic trigger detection mode, with sound and light alarm mode, to ensure the safety of approach electricity workers.

## Technical Specification

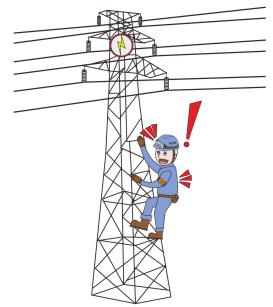
1.Voltage Level and Alarm Distance (The safety distance is in accordance with "GB 26860-2011 Electric Power Safety Working Regulations-Electrical Part of Power Plants and Substations" and "GB 26859-2011 Electric Safety Working Regulations-Power Line Part")

	Model	Voltage Level	Safe Distance	Alarm Distance	Model
		1KV		0.10m	
	ETCR1880	6.6KV		0.70m	
		10KV	0.70m	1.00m	ETCR1880C
		35KV	1.00m	1.60m	
		66KV	1.50m	2.20m	
		110KV	1.50m	2.50m	
		220KV	3.00m	3.50m	
		330KV	4.00m	4.50m	
		500KV	5.00m	5.50m	

2.Technical Parameters

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Power Supply	CR1632(140mAH)button cell 2PCS			
Alarm Voltage Range	ETCR1880:1kV~500kV(high voltage alarm) ETCR1880C: 40V~1kV(Low voltage alarm)			
Working Frequency	50Hz/60Hz			
Electricity Testing Mode	Non-contact mode			
Detection Mode	Automatic trigger			
Alarm Distance Error	±10cm(under base condition)			
Dettem / Life	Continues working(sound and light alarm): about 24 hours			
Battery Life	Standby: about 12 months			
Alarm Mode	Indicator: LED light visiblity under 8000LX visible light			
Alarm Mode	Buzzer: above 60dB(60cm apart)			
Protection Level	IP54			
Weight	About 0.89kg(inlcude accessories)			
Dimensions	88mmX32mmX30mm			
Working Temperature	-10℃~40℃; below 80%RH			
Accessories	Alarm:1PCS; Button cell :1PCS; Plastic Coin (use for replace battery): 1PCS			

铱审测控



Voltage Level

110V

220V

600V

1KV

Alarm Distance

5cm

10cm

15cm

40cm

60cm