







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 approach electric operator. 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")

2. Higher voltage levels not described in the corresponding models in the table can generate alarms at a certain distance, but the actual alarm distance error will be larger.

Model	Voltage Level	Safe Distance	Alarm Distance	Model	Voltage Level	Alarm Distance
EM1880	0.4Kv		0.02m	EM1880C	40V	5cm
	1KV		0.10m			
	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			
				1		

4.50m

5.50m

2.Technical Parameters

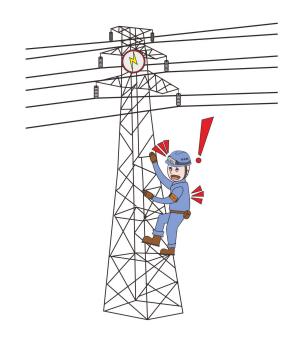
330KV

500KV

ziroominoari aramotoi	<u> </u>			
Power Supply	CR1632(140mAH)button cell 2PCS			
Alarm Voltage Range	EM1880:0.4kV~500kV (high voltage alarm) EM1880C: 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)			
D. // 1.15	Continues working(sound and light alarm): about 24 hours			
Battery Life	Standby: about 12 months			
	Indicator: LED light visibility under 8000LX visible light			
Alarm Mode	Buzzer: above 60dB(60cm apart)			
Protection Level	IP54			
Weight	Meter: 58g (include battery); Total:0.08kg (include accessories)			
Dimensions	88mmX32mmX30mm			
Working Temperature	-10°C~40°C; below 80%RH			

4.00m

5.00m







Alarm:1PCS; Button cell :1PCS; Plastic Coin (use for

replace battery): 1PCS

