

HF-LT-301

Ultrasonic Power Line Detector



This Ultrasonic Power Line Detector captures ultrasonic signals generated by arc discharge. It efficiently identifies loose connections, broken strands and insulation faults on overhead power lines during live patrol inspection.

Technical specifications

Parameter	Value
1	Sensor Type Built-in ultrasonic sensor
2	Display Content dB value, original discharge waveform, battery status
3	Antenna & Software Horn antenna; main unit with built-in fast scanning test software
4	Accuracy & Frequency Accuracy: $\pm 1\text{dB}$; Center measurement frequency: $40\text{kHz} \pm 1\text{Hz}$
5	Measuring Range $-60 \sim 60\text{dB}$, step 1dB
6	Aiming Device Green laser aiming device
7	Accessory Earphone Premium noise reduction earphones, compatible with safety helmets
8	Storage Capacity Overwrite storage for 255 waveform records
9	Battery Specification Built-in lithium battery, 9V, 500mA
10	Operating Temperature $-20^{\circ}\text{C} \sim 55^{\circ}\text{C}$
11	Dimensions & Weight $49 \times 38 \times 18\text{cm}$; Main unit: 1kg, Full set: 4kg

Standard scope of supply

No.	Item	Qty	Notes
1	Main Unit	1 Pcs	
2	Earphone	1 Pcs	
3	Charger	1 Pcs	
4	Electronic Pulse Generator	1 Pcs	
5	Card Reader	1 Pcs	
6	USB Flash Drive	1 Pcs	

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.