HF-CH-206

Overhead Line Fault Locator



This portable Overhead Line Fault Locator rapidly locates grounding, short-circuit and break faults on overhead power transmission lines. Featuring high testing accuracy, anti-interference performance and long battery life, it greatly improves efficiency for daily power grid inspection and fault troubleshooting work.

Key features

- Application: Fault searching and positioning for 6-35kV overhead power lines
- Integrates four functions: fault diagnosis, AC positioning, DC positioning and DC withstand voltage test.
- Recommends the optimal positioning method accordingly.
- Measures insulation resistance and capacitance of power lines.
- AC Positioning (For outage lines with low transition resistance earth faults)

Technical specifications

Parameter	Value
Operating modes	Fault diagnosis, AC injection, DC injection, DC withstand test
Fault diagnosis	Resistance measurement
Capacitance measurement	Range up to 10 μF, accuracy ± 20 %
AC injection - output	Limited-power constant-current output
AC injection - current	200 mA
AC injection - voltage	> AC 400 V (battery fully charged)
DC injection - output	Limited-power constant-current output
DC injection - current	40 mA
DC injection - voltage	> DC 8 kV (battery fully charged)
DC withstand - voltage	> DC 8 kV (battery fully charged)
Protection	Over-temperature, over-current, undervoltage shutdown, auto power-off after 2 h without operation
Maximum power	100 W
Display	800 × 480 high-brightness colour LCD
Power supply	Built-in 480 Wh lithium battery pack
Charger input	AC 220 V, 50-60 Hz
Charger output	54.6 V, 3 A
Dimensions	450 × 240 × 270 mm
Weight	13 kg

Standard scope of supply

No.	Item	Qty	Notes
1	Signal Transmitter	1 Set	Built-in lithium battery, with automatic discharge, overcurrent & overtemperature protection
2	Handheld Signal Receiver	1 Set	Full digital high-sensitivity signal processing, data memory function

Specifications are taken from the published product data and are subject to change without notice. Confirm critical parameters at the time of order.

No.	Item	Qty	Notes
3	AC Induction Sensor	1 Pc	For AC overhead line fault detection
4	Wireless DC Sensor	1 Pc	Used together with DC positioning mode
5	Arc Grounding Adapter	1 Pc	Special accessory for arc grounding fault locating
6	Power Charger	1 Pc	For transmitter battery charging
7	Connecting Cables & Test Wires	1 Set	All matched connecting wires
8	English User Operation Manual	1 Copy	Detailed operation instructions
9	Factory Calibration Certificate	1 Copy	For overseas project acceptance
10	Product Quality Certificate & Warranty Card	1 Copy	After-sales service voucher
11	Shockproof Portable Hard Carrying Case	1 Pc	Storage and transportation use

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.

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