

HF-GT-220

DC Ground Fault Locator



DC Ground Fault Locator accurately detects and pinpoints grounding faults within DC power systems. It helps engineers rapidly locate fault positions in battery cabinets and DC panels to eliminate hidden safety risks efficiently.

Key features

- Locates metallic ground faults, non-metallic ground faults, loop grounding, simultaneous positive/negative grounding, balanced grounding and multi-point grounding.
- Measures and displays DC system voltage, voltage to ground and ground resistance value.
- High-precision sampling clamps enable reliable positioning of indirect and high-resistance ground faults.
- Efficiently and quickly locates ground faults on complex branches or loops.
- Supports insulation index display.

Technical specifications

Parameter	Value
Ground impedance measurement range	1 ~ 600 Kohm
Sensor resolution	0.05 mA
Ground fault alarm threshold	220V: 50Kohm; 110V: 25Kohm; 48V: 10Kohm; 24V: 6Kohm
Tolerable branch capacitance to ground	<=5 uF
Maximum allowable total system capacitance to ground	<=100 uF
Bus-to-ground resistance measurement	0 ~ 1000 Kohm
Outer dimension (packing case)	450×260×110 (mm)
Total weight	2.5 kg
Applicable DC systems	220V±15%, 110V±10%, 48V±10%, 24V±10%, or customized voltage levels upon request.

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.