

HF-CH-218

High Voltage Surge Generator for Cable Fault Location



This portable surge generator is engineered for accurate cable fault location. It delivers adjustable surge voltage with complete safety protection systems, stable surge output, lightweight design, ideal for on-site breakdown tests of underground power cables.

Key features

- No power cut required when adjusting impulse voltage; there is no need to adjust the high voltage discharge gap.
- Overcurrent protection is available to prevent equipment burnout and grid impulse damage, safeguarding operator safety.
- The high voltage section adopts integral curing treatment for excellent moisture-proof and insulation performance.
- Output energy: 2000J/4S or 4uF/32kV
- Maximum output current: 40mA

Technical specifications

Parameter	Value
Output DC voltage	Continuously adjustable from 0 to 32kV
Output energy	2000J/4S or 4uF/32kV
Maximum output current	40mA
Power supply	AC 220V, 50Hz
Output power	1000W
Ambient working humidity	RH <=85% (at 25°C)
Overall dimensions	493mm(L) × 246mm(W) × 408mm(H)
Net weight	20 kg

Standard scope of supply

No.	Item	Qty	Notes
1	Integrated High Voltage Surge Generator Main Unit	1 Set	Model HZWZ-2000, core testing device
2	High Voltage Output Connection Cables	2 Pcs	Built-in matching connecting wires for cable fault test
3	Safety Earthing Ground Wire	1 Pc	For reliable grounding during high voltage operation
4	AC 220V Power Input Cord	1 Pc	Mains power supply cable
5	Operation Manual (Chinese & English Bilingual)	1 Copy	Complete operation & maintenance guidelines
6	Factory Calibration Certificate	1 Copy	Official metrological calibration document
7	Factory Acceptance Test (FAT) Report	1 Copy	Pre-delivery inspection record
8	Spare Fuses	2 Pcs	Consumable spare parts for replacement
9	Pull Rod Shockproof Portable Carry Case	1 Set	For transportation & field storage

Compliance and documents

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

Optional accessories	[TO BE CONFIRMED]
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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.