

VERY LOW FREQUENCY AC HIPOT VLF Cable testing for cables rated to 35kV

CE

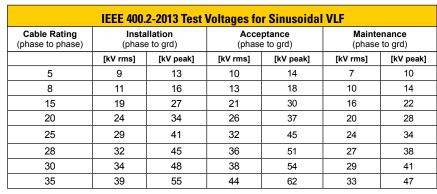
VLF-65E

Features and Benefits

The High Voltage, Inc. VLF-65E is the latest generation of VLF AC hipots using an air-cooled, solid state design with microprocessor control. High end features include user programable test sequences, wireless communications, data retrieval and manual or automatic load based output frequency selection. The supplied E-Link PC software offers wireless remote operation, custom report generation, and test data export to .csv. Wireless communication between the VLF-65E, optional TD-65E Tan Delta Bridge, and/or user supplied PC is achieved via the XBee protocol which offers more reliability than Bluetooth. Introduced in 2014, the VLF-65E along with the TD-65E is the choice for 5 to 35kV cable acceptance, withstand, and diagnostic testing per IEEE 400.2-2013.

Specifications

Input	100 - 265Vac, 50/60Hz, 20A max
Output	VLF Sinewave: 0 - 65kVPeak (46kVrms), resolution: ±0.1kV VLF Squarewave: 0 - 65kVPeak, resolution: ±0.1kV DC: ±0 - 65kV (Proof Test, Sheath Test), resolution: ±0.1kV
Duty	Continuous
Load Rating	1.0uF @ 0.1hZ @ 65kVp, 10.0uF @ 0.01Hz @ 65kVp, calculated 6.5kVp*uF*Hz uF rating increases at lower voltages, Ex: 1.4uF @ 0.1Hz @ 47kVp
Frequency	0.01 to 0.1Hz in 0.01Hz Increments, auto-frequency detect
Metering	5.7" Color LCD display Voltage (kVp/kVrms): ±1% accuracy, 0.001kV resolution Current (mAp/mArms): ±1% accuracy, 0.001mA resolution Calculated: Capacitance, Resistance, Flashover Voltage, and Time to Failure
Fault Response	Fault on Arc and Burn on Arc
Memory	Internal: 50 test records/External (USB Drive): Limited by media capacity
PC Interface	External USB (Firmware Upgrade Only)/XBee 802.15.4 (wireless, ~30ft range)
PC Software	E-Link remote control and report generation software
Cable Lengths	20'/6m flexible x-ray, 20'/6m ground #2, 20'/6m test leads #10, ground hook, line cord
Size	22"/559mm x 15.5"/369mm x 26"/660mm
Weight	150 lb, 68 kg





Model VLF-65E



Intuitive menu driven user interface.



Test duration should be 30 - 60 minutes at the above voltages.



The World's Source for High Voltage Test Equipment

MADE IN THE USA