



Datasheet



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Aerial Lift & Bucket Truck Tester

Model ALT-120/60

50/60 Hz Portable AC Hipot



Description

The ALT-120/60 is a portable high voltage AC test set designed to test aerial lifts. It is designed to meet all **ANSI A92.2** testing requirements for insulated work platforms, bucket trucks and liners. **The unit may also be used to test other electrical apparatus requiring AC voltage testing.** It is rugged, reliable, economical, contains advanced features, and provides long term duty ratings.

The ALT-120 is designed to provide continuously adjustable AC output up to 120 kV with a full kVA tap at 60 kV. It is rated for 7 kVA of power, enabling it to meet all testing requirements. Its generous duty rating allows the user to perform many tests sequentially or use the unit for other, extended time testing applications. **Since versatility of test equipment is important, the duty cycle of any product should be strongly considered.**

Advantages

The ALT-120/60 has many advantages over other bucket truck testers.

- 7 kVA of output power
- 120 volt, 30 amp input power consumption
- 1 hr. @ 7kVA and continuous duty @ 4kVA
- 250 μ A current meter range
- Transit protecting meter circuits

Other models available:

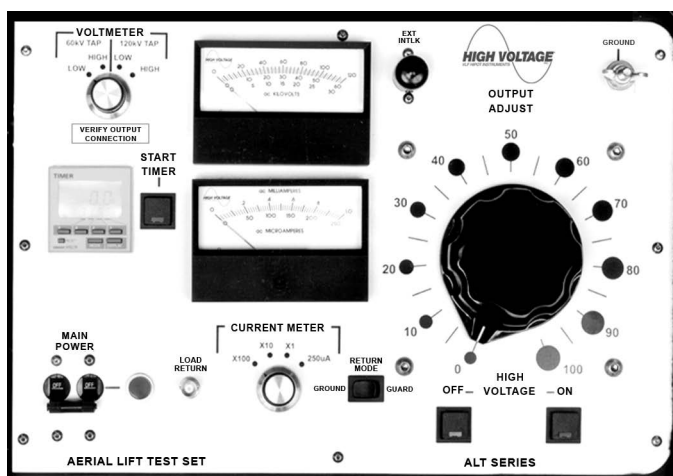
ALT-200(F)

0 – 200kVac @ 30mA,
 6 kVA, Optional 50kVac full
 kVA tap available

ALT -300F

0 – 300kVac @ 23 mA,
 7 kVA

Liner Testers available.
 Up to 50 kVac @ 10 kVA



Control Layout

Technical Data	
Input	120 V, 60 Hz, 30 A, or 230 V, 50/60 Hz, 15 A
Output	0-120 kVac / 0-60 kVac
Load Rating	7 kVA Capacitive (1.3 nF @ 120 kV, 5.3 nF @ 60 kV)
Duty Cycle	7 kVA for 1 hour on / 2 hours off, 4 kVA continuous
Output Termination	Top toroid for 120 kV, side tap for 60 kV (no output cable provided)
Distortion	<5%
Meter Accuracy	± 2% of full scale, analog
Voltmeter	3.5" scaled 0-30/60kV and 0-60/120kV AC RMS
Currentmeter	3.5" 0-250 µa and 0-1.0 mA with multipliers: x1, x10, x100 up to 100 mA
Control Dimensions	21" w x 11.25" d x 15.25" h 534 mm w x 286 mm d x 387 mm h
Tank Dimensions	15.5" w x 15.5" d, 27.5" h 394 mm w x 394 mm d, 699 mm h
Weight	Controller: 46 lbs (21 kg), Tank: 160 lbs (73 kg)

Note: For 230 volt line input, an F is suffixed to the model number.

Additional Features

- Guard/Ground Return for isolating ground currents to measure leakage current or total current
- Zero start high voltage safety interlock
- External safety interlock provision
- Cable storage area
- Internal kilovolt meter divider resistors (no external wand)
- Test timer circuit
- Ruggedized meters with glass windows that eliminate static build-up

Our Company and Our Products

High Voltage, Inc. manufactures the most advanced test equipment available for high voltage proof and preventive maintenance testing of electrical apparatus. All of our products are newly designed to meet the present day needs of utilities, industrials, and testing services. Our products offer features and specifications not found elsewhere. Our products include unique, sine-wave output **Very Low Frequency (VLF) AC Hipots, DC Insulation/HV Megohmmeter Test Sets, Aerial Lift Testers, AC Hipots, Cable Thumpers & Radars and AC Oil Dielectric Testers.**



HIGH VOLTAGE, INC.

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High Voltage, Inc. designs and manufactures high voltage test equipment for utility and industrial applications. Also available are Very Low Frequency (VLF) high voltage AC test sets, DC power packs, AC and DC instrumented test sets, cable fault locators and other products.

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in every sector...**

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