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# DATA-SHEET



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**WHY BUY**  
WHEN YOU CAN HIRE

# 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  $\mu$ A current meter range
- Transit protecting meter circuits

#### Other models available:

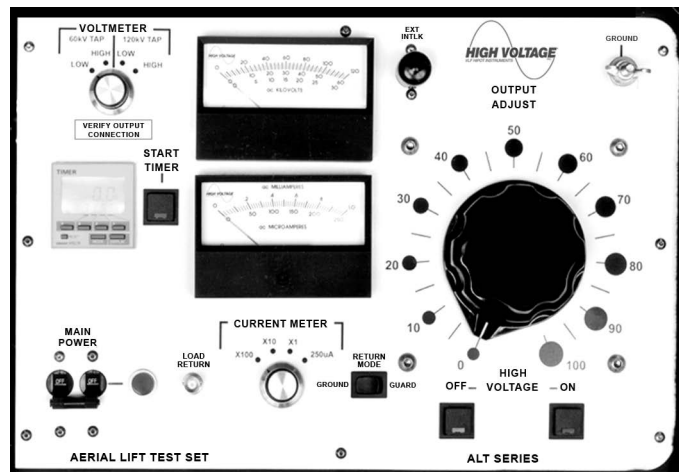
##### ALT-200(F)

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

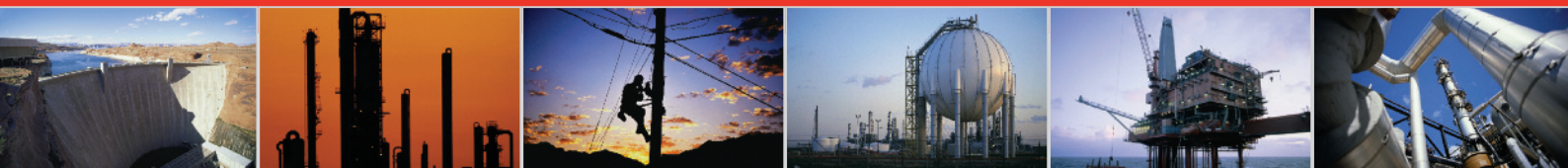


**HIGH VOLTAGE, INC.**

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E-Mail: sales@hvinc.com • Web: [www.hvinc.com](http://www.hvinc.com)

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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### A wealth of knowledge and experience.

You can take advantage of expert advice to ensure you get the best, most appropriate and cost effective equipment for the job. We supply a wide variety of industries, so if there is another way to do the job or save you time and money we'll pass on the benefit of our experience for free.

### Honest advice, just a phone call away.

If we don't have a particular item, rather than hiring you something that won't do the job, we would rather direct you to an alternative supplier. You will always be provided with full instructions and if you still need help, call our technical team on Nationwide Low Call 0333 6000 600. Our aim is to save you time, frustration and money.

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With Inlec you'll get the most accurate, reliable and well-maintained equipment available. Prices are regularly reviewed to ensure you always enjoy the best value for money. We have made a significant investment in test equipment so we ensure that it's well packed to minimise damage and delay.

### We really do listen to you.

You won't waste your time contacting Inlec. Every request for equipment is logged and carefully considered. Listening to our customers helps keep our product range up to date and relevant. If you are unhappy about any aspect of our service please let us know so we can put it right.

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All equipment is thoroughly checked prior to dispatch to ensure you receive it in full, safe working order. Your shipment will be securely packed and include manufacturer's instructions, accessories or consumables and a valid calibration certificate where appropriate. In addition, Inlec offer a 24 hour replacement service if you decide the equipment is not suitable for your application\*.

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Inlec are happy to provide you with free advice, from an unbeatable team of experienced, knowledgeable and friendly engineers and hire experts.

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Throughout your hire we will work hard to ensure you enjoy the very best in support and service from Inlec. We guarantee you won't find better service anywhere in the industry.

\*subject to availability and conditions

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