



# ETI PRECISION

## ACDC-10

### Portable AC/DC Power Supply



### Our Mission is Reliability

ETI Precision manufactures industry-leading high-current circuit breaker testers and AC/DC variable power supplies. Our products are manufactured in the USA and deployed at testing companies and within critical environments nationwide, ensuring technical functionality, accuracy, and increased equipment availability.

## DESCRIPTION

This AC/DC power supply is housed in a rugged, weatherproof case with a hinged lid. The input is protected and controlled by a 10-amp single pole circuit breaker. The output is controlled by a three-position rotary switch (off, maintain & momentary).

- Independent AC and DC ammeters: Accuracy +/- 0.15% Full Scale.
- 3 nominal ranges of DC voltage: 0 to 120, 240, and 480 volts at 1 kVA.
- 3 nominal ranges of AC voltage: 0 to 140, 280, and 560 volts at 1.4 kVA.
- Portable and Durable: This instrument weighs less than 65 pounds and is enclosed in a rugged water resistant case with a hinged lid.
- Filtering on 120V DC range: <2% ripple.

## APPLICATIONS

The ACDC-10 is a small portable AC and DC power supply intended for circuit breaker charging motors and other general-purpose applications. It will provide AC voltage up to 560 volts and DC voltage up to 480 volts. The timer jacks may be used to start an external timer when the output voltage is applied to the load. These contacts consist of a solid-state relay rated at 0.1 amps and 200 V. The remote jacks may be used to remotely turn output on via a dry contact type solid state relay.

## REQUEST A QUOTE TODAY

Contact our experts at [info@etiprecision.com](mailto:info@etiprecision.com) or 410-857-1880. Not sure if the ACDC-10 is right for you? We are available to offer advice and consultations to help you select the right products for your business.

**— Voltage Range:**

- 0-140 VAC at 7.2 A Continuous (1.0 kVA)
- 0-280 VAC at 3.6 A Continuous
- 0-560 VAC at 1.8A Continuous
- 0-480 VDC at 1.8A Continuous (0.86 kVA) (Unfiltered)
- 0-240 VDC at 3.6A Continuous (Unfiltered)
- 0-120 VDC at 7.2A Continuous (Filtered)

**— Voltmeter Accuracy:**

- AC: +/- 0.5% of Reading +/- 0.5% Full Scale
- DC: +/- 2% of Reading +/- 1% Full Scale  
(At Rated Output Current And Resistive Load)

**— Ammeter Accuracy:**

- AC: +/- 0.15% Full Scale, +/- 6 Counts
- DC: +/- 0.15% Full Scale

**— Ripple:**

- <2% 120VDC Range Only  
(At Rated Output Current And Resistive Load)

**— Overload:**

200%	30 Seconds ON, 90 Seconds OFF	(25% Duty Cycle)
300%	10 Seconds ON, 90 Seconds OFF	(10% Duty Cycle)

**— Dimensions & Weight:**

- Height: 18 in. (457 mm)
- Width: 20 in. (508 mm)
- Length: 11 in. (279 mm)
- Weight: 63 lb. (28 kg)

**— Input Supply:**

- 105-130 VAC, 50/60 Hz
- 1.2 kVA Nominal (10 Amperes)

**— Standard Accessories:**

Accessory	Part #	Quantity
Input Power Cord	M-C491	1 EA
Contact Leads	S-B194	1 EA
Remote Initiate Cable	S-B143	1 EA
Technical Manual	S-A138	1 EA



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