



PORTABLE 1kV AC/DC POWER SUPPLY

Model ACDC-10

Key Model ACDC-10 Updates:

- Addition of AC and DC ammeters at 20A
- Improved rugged I200 polypropylene carrying case with handles and wheels
- Upgraded standard IEC cord
- Filtering at 120V DC range
- Banana jacks for unit outputs
- Independent isolated and metered outputs for AC and DC voltage

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Overview: The Electrical Test Instruments Model ACDC-10 is a small, lightweight, and portable AC and DC power supply. The unit is intended for resetting circuit breaker charging motors and other general-purpose applications. It will provide DC voltage in three nominal ranges from 0-120V, 240V, and 480V at 1 kVA, as well as AC voltage in three nominal ranges from 0-140V, 280V, and 560V at 1.4 kVA. The ACDC-10 is housed in a rugged plastic enclosure approximately 20" x 11" x 18" and weighs less than 65 lbs.

Specifications:

Technical Specifications	
Input:	105-130 VAC, 50/60 Hz, 1.2 kVA nominal (10 amperes)
Outputs:	0-140 VAC at 7.2 A continuous (1.0 kVA)
	0-280 VAC at 3.6 A continuous
	0-560 VAC at 1.8 A continuous
	0-480 VDC at 1.8 A continuous (0.86 kVA)
	0-240 VDC at 3.6 A continuous
	0-120 VDC at 7.2 A continuous (Filtered) <2% ripple
Regulation:	11% on AC outputs at 1.0 kVA
	11% on DC outputs at 0.86 kVA
Ripple (DC):	< 2% 120V DC range only
Overloads:	
200%	30 seconds ON, 90 seconds OFF (25% Duty Cycle)
300%	300% 10 seconds ON, 90 seconds OFF (10% Duty Cycle)
Voltmeter Accuracy:	
AC:	+/- 0.5% of reading +/- 0.5% FS
DC:	+/- 2% of reading +/- 1% FS (at rated output current and resistive load)
Ammeter Accuracy:	
AC:	+/- 0.15% FS, +/- 6 Counts
DC:	+/- 0.15% FS

Physical Specifications	
Width:	20 inches (508 mm)
Length:	11 inches (279 mm)
Height (bottom):	18 inches (457 mm)
Height (lid):	2.5 inches (64 mm)
Weight:	63 pounds (28 kg.)

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