

CBUPS

HIGHEST ACCURACY & LOWEST COST



Portable AC/DC Power Supply


CBUPS

AC Power Supply: 10-240V / 10A.

DC Power Supply: 10-300V / 10A.

amperis

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The Amperis Universal Power Supply (CBUPS) is designed to meet a utility company's substation needs for an independent AC/DC power source. The CBUPS' AC and DC voltage sources can each supply up to 10 amperes.

The variable DC power supply (10 – 300 Vdc) is ideal for use as a substitute primary power source when substation batteries are not available. The CBUPS is best suited for operating circuit-breakers, powering substation relays, or for un-regulated charging of substation batteries. The AC power supply is a variable isolated power source (10 – 240 Vac) that can be used to power other equipment in the substation.

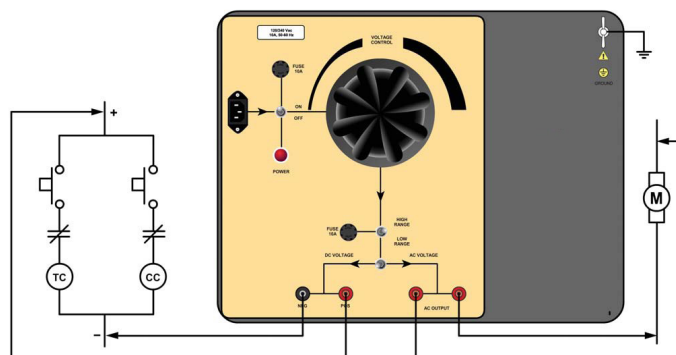
The Universal Power Supply delivers several important features:

- All output power sources are isolated from the primary power input by an isolation transformer.
- Voltage outputs are variable (auto-transformer) via a front panel control knob.
- The primary power input is selectable (120Vac or 240Vac).
- All voltage outputs are capable of supplying a 10 ampere load.

For ease of operation, the power output path is clearly outlined on the control panel. This provides an intuitive visual guide for making the appropriate selections for a particular operating configuration.

The Universal Power Supply is housed in a heavy-duty, impact-resistant plastic enclosure and is furnished with a power cord, grounding cable, and a pair of test leads with alligator clips.

CBUPS' Connections



CBUPS' Controls



CBUPS' Specifications

Type	Portable AC/DC power supply
Physical specifications	21"W x 17"H x 9"D (53 cm x 43cm x 24 cm); Weight: 55 lbs (25 kg)
Input power	100 - 120 Vac or 200 - 240 Vac (factory pre-set), 50/60 Hz
DC output voltage	10 - 300 Vdc @ 10 amperes (1 minute)
AC output voltage	10 - 240 Vac @ 10 amperes (1 minute)
Safety	Designed to meet UL 61010A-1 and CAN/CSA C22.2 No. 1010.1-92 standards
Environment	Operating: -10°C to +50°C (+15°F to +122°F); Storage: -30°C to +70°C (-22°F to +158°F)
Humidity	90% RH @ 40°C (104°F) non-condensing
Altitude	2,000 m (6,562 ft) to full safety specifications
Cables	Power cord, ground cable, 10-foot test leads
Options	Transportation case
Warranty	1 year on parts and labor

NOTE: the above specifications are valid at nominal voltage and ambient temperature of +25°C (+77°F). Specifications are subject to change without notice