

PRECISION SUPERCONDUCTING POWER SUPPLY

Alpha introduces its line of precision power supplies for superconducting magnet loads. These units answer the problem of the “typical” power supply’s lack of both short-term and long-term precision.

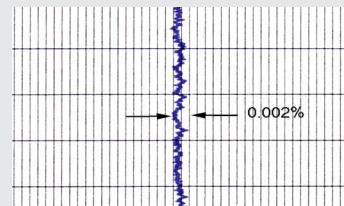
Units are available from 50 amps to 600 amps, and 10, 20, and 30 volt outputs.



Features

- 2 or 4 Quadrant Operation
- 19" Rack Mounting
- Short-term Stability <math><0.005\%</math>
- Long-term Stability <math><0.01\%</math>
- Low Noise, All Linear Design

Typical Output Current Stability



Applications

- Superconducting Magnets
- Superconductor Research

Options

- Polarity Reverse Switch
- Integral Dump Resistors
- Quench Detection