

AC Power Source, 500VA to 2000kVA

This AC power source provides both single-phase and three-phase output options, ranging from 500VA to 2000kVA. It features LED displays for voltage, current, frequency, and power factor, as well as comprehensive protection against over-voltage, over-current, and over-temperature.



ADDITIONAL IMAGES



Overview

High-Performance AC Power Solution

The AFC Series AC Power Source utilizes advanced IGBT/SPWM technology to deliver clean, reliable output voltage and frequency tailored for diverse industrial requirements. With a broad capacity range from 500VA to 2000kVA, this unit provides a high-quality pure sine wave with less than 1% THD at resistive loads. Designed for precision and safety, it features comprehensive protection mechanisms and user-friendly controls, making it an ideal choice for demanding testing and simulation environments.

Performance Specifications

Power Range

500 VA

Minimum Power

2000 kVA

Maximum Power

Output Voltage Ranges

0-150V, 0-300V, 0-600V (Optional)

Frequency Range

50Hz/60Hz selectable; 45-65Hz adjustable (opt. 45-400Hz)

Total Harmonic Distortion (THD)

< 1% at resistive load

Technical Features

Phase Configuration

Phase Type	Capacity Range
Single Phase	500VA - 100kVA
Three Phase	10kVA - 2000kVA

Protection Features

- Over voltage protection
- Over current protection
- Over load protection
- Input under voltage protection
- Over temperature protection

Connectivity & Control

Communication Interfaces

RS232 (Standard) • RS485 (Optional) • GPIB (Optional)

Power-off Memory

Yes