

AC Power Supply Detector for Load and Parameter Testing

This AC power supply detector is designed for testing the load capacity and technical parameters of various AC power sources. It performs load capacity tests, electrical parameter tests, and online monitoring of electrical parameters.



Product Overview

Intelligent AC Power Supply Detector

This advanced instrument is designed for comprehensive load capacity testing and electrical parameter monitoring for municipal power supplies, diesel generators, inverters, and UPS systems. Featuring SCM intelligent control and a large LCD display, it enables real-time monitoring and constant power discharge testing. The device supports automated data processing and report generation, making it an essential tool for engineering acceptance and routine facility maintenance.

Technical Specifications

Measurement Accuracy

1 %

Constant Current Accuracy

1 %

Total Voltage Accuracy

1 %

Control Power Accuracy

Performance Parameters

Parameter	Value
Model	PEN-AFJ400-120 kva
Access Load Voltage	Three-phase four-wire 400V
Discharge Power Range	5-120 kVA
Frequency Range	45.00-65.00 Hz
Cooling Method	Forced air cooling

Operational Features

Operating Limits

- Discharge duration: 1 minute to 99 hours 59 minutes
- Parallel capacity: 2 to 9 units via RS485
- Frequency accuracy: $\pm 2\%$

Core Functionalities

Constant Power Discharge, Real-time Monitoring, Overheating Protection, Alarm System, Parallel Machine Support, RS232/USB Data Export

Physical Attributes

Size and Weight

100 kg

Weight