



# 3-PHASE AC POWER SOURCE PSI1000 SERIES

## VARIABLE FREQUENCY TEST POWER SUPPLY

The PSI1000 power supplies have the ability to simulate all worldwide used mains voltages because of their variable frequency.

They are ideally suitable for routine tests of home appliances and other products. Two power ranges allow optimal adaption to higher current requirements at low voltages. The output frequency can be 50Hz or 60Hz, independently from the input frequency.

By the innovative and efficient frequency converter technique, a sinusoidal output voltage with low harmonic is generated. Voltage and current are precisely measured and regulated.

The power supply can be operated via a touch panel on the cabinet, the web browser or PC software.

## KEY FEATURES

- 3-phase AC power source
- Power 15kVA, 25kVA or 50kVA
- Voltage range 0-240V and 0-480V
- Single phase operation possible
- Touch display, PLC control
- Ethernet interface

## KEY BENEFITS

- Energy efficient and compact
- Sinusoidal output, low distortion
- Precise voltage regulation
- Easy operation
- Remote control

## APPLICATIONS

- Industrial production test
- Research and development
- Burn in or heat run tests
- Network simulation
- Test of home appliances, motors, transformers

# TECHNICAL SPECIFICATIONS

## 3-PHASE AC POWER SOURCE PSI1000 SERIES

Model	PSI1015	PSI1025	PSI1050	PSI1075
Output power	15kVA	25kVA	50kVA	75kVA
Output ranges	240V LL / 140V LN 36A 480V LL / 280V LN 18A	240V LL / 140V LN 60A 480V LL / 280V LN 30A	240V LL / 140V LN 120A 480V LL / 280V LN 60A	240V LL / 140V LN 180A 480V LL / 280V LN 90A
Output frequency	45-65Hz (other on request)			
Distortion	<1%			
Input voltage	3AC380-480V 50-60Hz			
Input current	32A	50A	100A	150A
Measurements	voltage, current, power, power factor, frequency, accuracy better 0.5%			
Protection	Overcurrent, overvoltage, overtemperature			
Safety features	Emergency stop			
Dimensions (WxHxD)	800x2100x600mm	1000x2100x600mm	1200x2100x800mm	1200x2100x800mm
Weight	450kg	630kg	750kg	870kg



Sample picture PSI1050

## SOLFAS TECHNOLOGIE GMBH

We are specialized in the development and implementation of test systems, power supplies and instrumentation.

As an expert in electrical testing and automation, our company offers global innovative and reliable solutions for the industry.

Our products are characterized by a precisely matching to individual customer needs hardware and software.