

Interpower™ International Power Source

Test your export product...

The Interpower International Power Source provides a low-cost, convenient source of 50Hz power which is important for testing many products that are exported. Output power is delivered through either a standard NEMA 15A/115VAC socket or the Continental European Schuko socket. (Note: Products with other international plugs can be tested by also using the International Socket Strip—see below.) Output voltages are selectable at 100V, 115V, 220V, 230V,

or 240V RMS, and frequencies can be selected at 50 or 60Hz while under load. This flexibility permits testing of products with varying input voltages and frequencies in order to simulate real-world power mains conditions. Test points permit easy connection of your Digital Multimeter for checking voltage and frequency. The power rating of the International Power Source is 1250VA.

This model is designed to accommodate U.S. input voltage of 115V supplied through

a NEMA 5-20P plug. (It can also be configured for 230 or 240V input power and equipped with an international plug for overseas applications.) This model, at 30 pounds, can be easily moved between work stations or lab positions as needed.

Delivery: Stock to six weeks; call our Customer Service Department for stock level.

Rental units are available.



Model is lightweight, portable, and easy to use!

The Interpower International Power Source accommodates the requirements of most international test setups. Based on our information, most customers use only two international sockets for testing—the North American NEMA 5-15R and the Continental European CEE 7—so we supply a simplified unit. This model is small in size and weighs only 30 pounds (13.6 kg), making it easily portable. Test points permit easy connection to your DVM.

These sockets are included on the International Power Source:

Socket	Voltage	Freq.	Rating [†]
Continental Europe/Germany CEE 7	220-230VAC*	50Hz	16A
North America NEMA 5-15R	120VAC	60Hz	15A

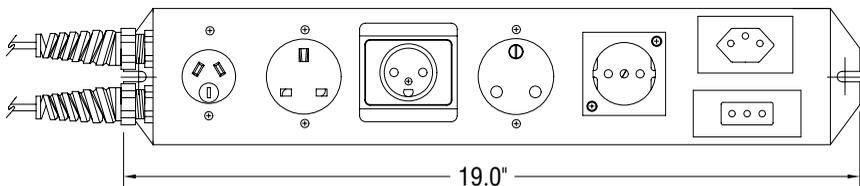
Interpower International Power Source

SPECIFICATIONS

Output Power:	1250VA
Output Voltage:	
Low Range:	100V, 115V
High Range:	220V, 230V, or 240V RMS
Voltage Accuracy:	Within 2.0% of Set Value
Frequency Accuracy:	50Hz, 60Hz — 1.0%
Output Current:	
Low Range:	11.0A RMS 33A Pk
High Range:	5.5A RMS 16.5A Pk
Regulation:	±2.0% Max, Line/Load
Harmonic Distortion:	Less than 2%
Output Noise:	
Low Range:	425mV (115V)
High Range:	850mV (230V)
Power Factor:	0 to Unity, lagging, or leading
Input:	
Voltage:	100-240VAC or 85-265VAC
Current:	20A RMS Max. at 85V
Frequency:	45-63Hz
Holdup Time:	20ms
Isolation Voltage:	
Input/Output:	2200V RMS
Input/Chassis:	1350V RMS
Protection:	Output overcurrent (short circuit/over voltage); over temperature
Dimensions:	216mm H x 222mm W x 457mm D
Weight:	30 lbs. (13.6kg)
Air Intake/Exhaust:	Rear/Sides
Operating Temp.:	0°C to 40°C
Approvals:	UL, CUL

To test products with other international plugs:

To test products with other international plugs, a test setup can be designed using the International Socket Strip (Part number 85010120). See our pages in EEM section 2100 for more information on the International Socket Strip. This International Socket Strip is supplied with a “Schuko” (Continental European) power cord, a CEE 7/7, which will allow you to plug the Socket Strip into the International Power Source.



The International Socket Strip contains these sockets:

Socket	Voltage	Freq.	Rating [†]
Continental Europe/Germany (CEE 7)	230VAC*	50Hz	16A
Australia/N.Z. (AS 3112)	240VAC	50Hz	10A
U.K./Ireland (BS 1363)	230VAC	50Hz	13A
Denmark Afsnit 107-2-D1	230VAC*	50Hz	10A
India/South Africa	230VAC	50Hz	15A
Italy (CEI 23-16/VII)	230VAC*	50Hz	10A
Switzerland (SEV 1011)	230VAC*	50Hz	10A

* Note: European standard voltage was changed from 220V to 230V in 1995.

† Actual output will be 1250VA max.

DESIGNING FOR EXPORT? WE MAKE IT EASY!

See our pages in Volume I - Passive Components and Electromechanical Components, and Volume II - Packaging & Interconnects



ISO 9001 Certified
formerly Panel Components Corporation



P. O. Box 115, Oskaloosa, IA 52577
Phone: (641) 673-5000
Fax: (641) 673-5100
E-mail: info@interpower.com

TOLL-FREE (U.S., Can., V.I., P.R.):
Call toll-free (800) 409-0081
Fax toll-free (800) 409-0082
Web site: www.interpower.com