

# Interpower™ International Power Source

## Test your export product...

The Interpower™ International Power Source provides a low-cost, convenient source of 50 Hz 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.

International Power Source carries the CE mark!



Rental units are available.



Interpower™ International Power Source

### SPECIFICATIONS

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

## Model is lightweight, portable, and easy to use!

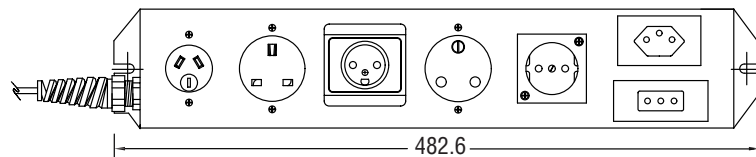
The Interpower™ International Power Source accommodates the requirements of most international test setups. Based on our information, most customers use only two international sockets for testing—the North American NEMA 5-15R and the Continental European CEE 7—so we supply a simplified unit. This model 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

### 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 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.

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P. O. Box 115, Oskaloosa, IA 52577  
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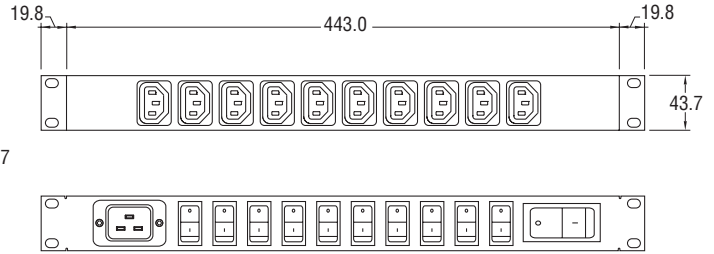
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# New Interpower™ 19" Rack-Mount Power Distribution Units



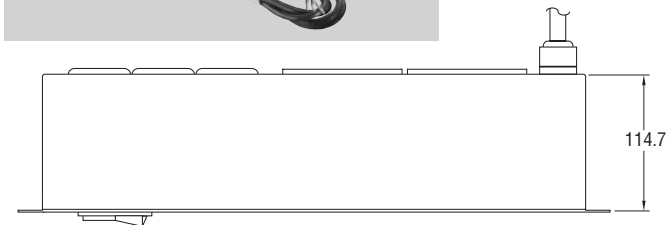
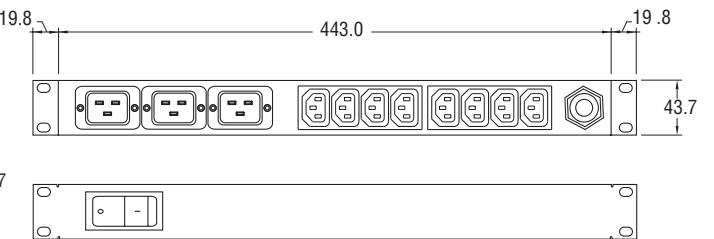
Part Number	Inlet Type	Outlet Type	Circuit Breaker	Case	Color	Rating	Approvals
852Q2J22	C20	10 Sheet F	Rocker 20A	Metal	Black	16A/250 VAC	UR, CSA
						16A/240 VAC	TUV

Markings:



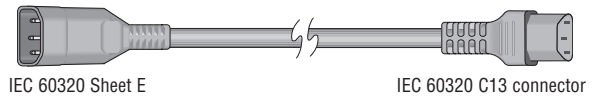
Part Number	Inlet Type	Outlet Type	Circuit Breaker	Case	Color	Rating	Approvals
852Q2K19	C20	8 Sheet F 3 Sheet J	Rocker 20A	Metal	Black	16A/250 VAC	UR, CSA
						16A/240 VAC	TUV

Markings:



## Jumper Cordsets with "Universal" Cable

Interpower's accessory power cordsets, for use with Interpower Accessory Power Strips, meet requirements of international safety agencies. Accessory power cordsets listed below carry the same ratings and approvals, but vary in length. Approvals: UL, CSA certified, VDE, and more. Call for custom lengths and angled connectors.



Part No.	Current Rating	Maximum Temp. (°C)	Color	Length (± 0.1m)	Cable
86557000	10A/250VAC	60°/UL, CSA : 65°/VDE	Black	1.0 meter	18/3 AWG : 3 x 1.0 mm <sup>2</sup> Harmonized
86557010	10A/250VAC	60°/UL, CSA : 65°/VDE	Black	2.5 meters	18/3 AWG : 3 x 1.0 mm <sup>2</sup> Harmonized
86557030	10A/250VAC	60°/UL, CSA : 65°/VDE	Black	0.5 meters	18/3 AWG : 3 x 1.0 mm <sup>2</sup> Harmonized
86557040	10A/250VAC	60°/UL, CSA : 65°/VDE	Black	1.5 meters	18/3 AWG : 3 x 1.0 mm <sup>2</sup> Harmonized
86557050	10A/250VAC	60°/UL, CSA : 65°/VDE	Black	2.0 meters	18/3 AWG : 3 x 1.0 mm <sup>2</sup> Harmonized
86557060	10A/250VAC	60°/UL, CSA : 65°/VDE	Black	3.0 meters	18/3 AWG : 3 x 1.0 mm <sup>2</sup> Harmonized
86557020*	10A/250VAC	60°/UL, CSA : 65°/VDE	Black	3.0 meters	18/3 AWG : 3 x 1.0 mm <sup>2</sup> Harmonized

\* Accessory Power Cord

Dimensions in mm



Part Number: **85910071**  
(for IEC 60320 C13 connector)  
  
Part Number: **85910110**  
(for IEC 60320 Sheet E plug)

Cordset connector locks secure a cordset to an IEC 60320 power inlet to prevent accidental power interruption. The cordset can be easily removed without disrupting the connector lock. Each connector lock is designed for the molding of a specific cordset connector style.

Note: The connector locks shown do not fit all of the connectors listed on these pages. Please call our Customer Service Department for assistance in selecting the right connector lock for your needs.

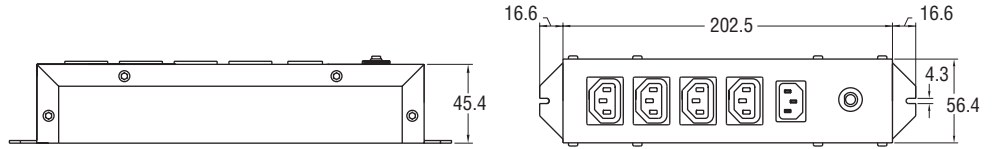
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		For manufacturers' sales offices, see yellow pages	

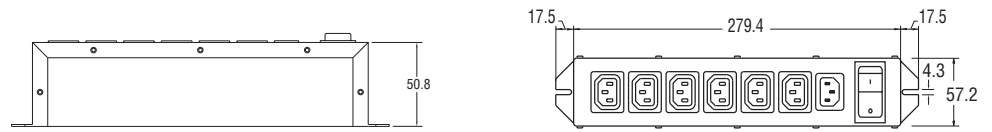
# Interpower™ Accessory Power Strips



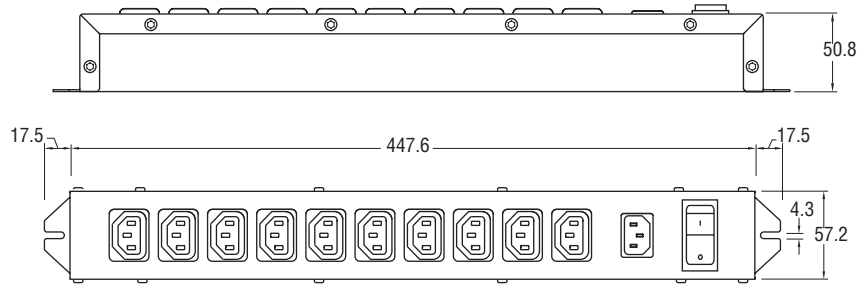
Part Number	Inlet Type	Outlet Type	Length w/ tabs (mm)	Circuit Breaker	Case	Color	Rating	Approvals
<b>85010071</b>	C14	4 Sheet F	235.7	Push-to-reset 10A	Metal	Beige	10A/250 VAC	UR, CSA
							10A/240 VAC	VDE



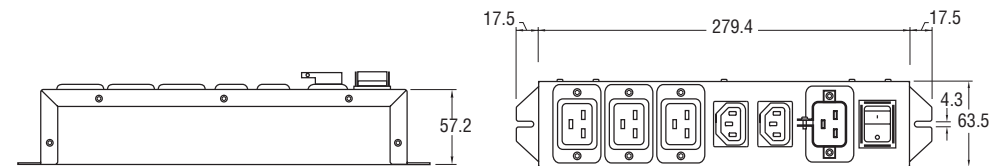
Part Number	Inlet Type	Outlet Type	Length w/ tabs (mm)	Circuit Breaker	Case	Color	Rating	Approvals
<b>85010080</b>	C14	6 Sheet F	314.4	Rocker 10A	Metal	Beige	10A/250 VAC	UR, CSA
							10A/240 VAC	VDE



Part Number	Inlet Type	Outlet Type	Length w/ tabs (mm)	Circuit Breaker	Case	Color	Rating	Approvals
<b>852J2J07</b>	C-14	10 Sheet F	482.6	Rocker 10A	Metal	Beige	10A/250 VAC	UR, CSA
							10A/240 VAC	VDE



Part Number	Inlet Type	Outlet Type	Length w/ tabs (mm)	Circuit Breaker	Case	Color	Rating	Approvals
<b>852J2E13</b>	C20 w/ connector lock	2 Sheet F 3 Sheet J	314.4	Rocker w/ guard 10A	Metal	Black	10A/250 VAC	UR, CSA
							10A/240 VAC	TUV



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