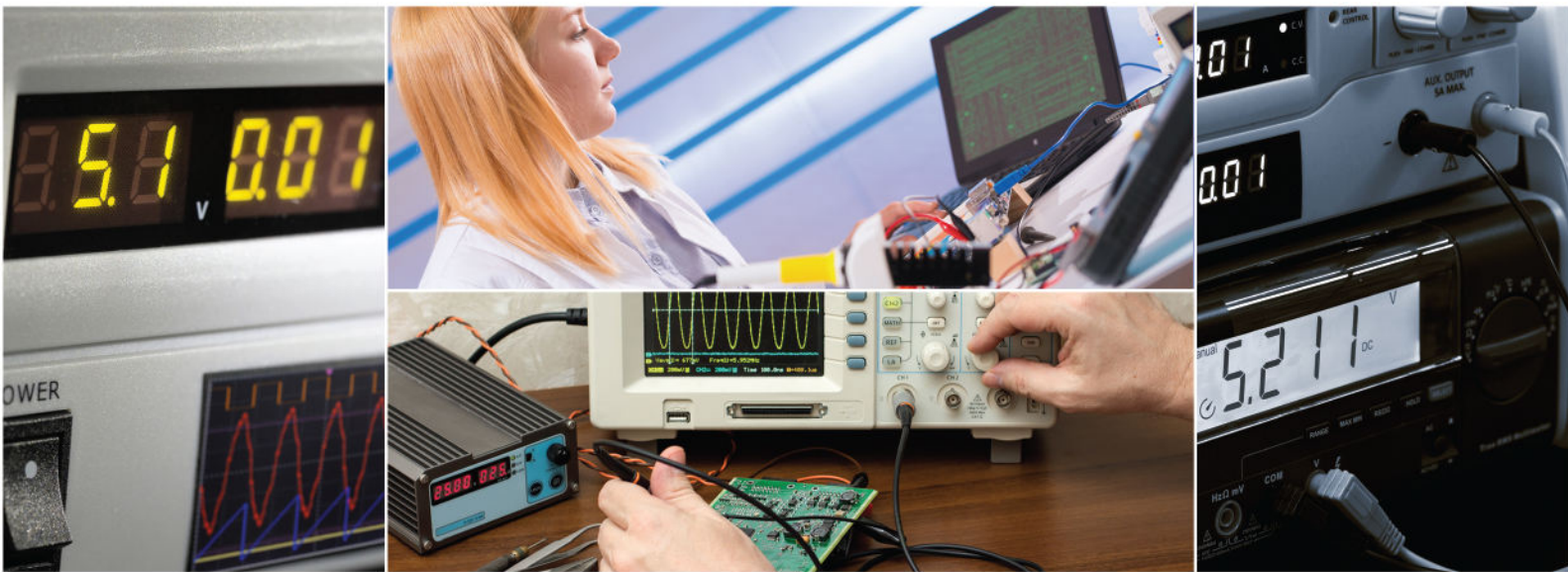




Horizon Electronics Ltd
Power Systems

One-Stop-Shop for all your
Laboratory Power Supply Needs
In ISRAEL

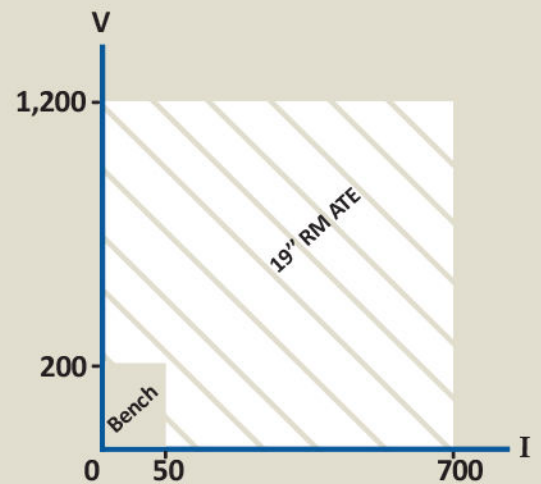


Strong Development & Engineering Team!



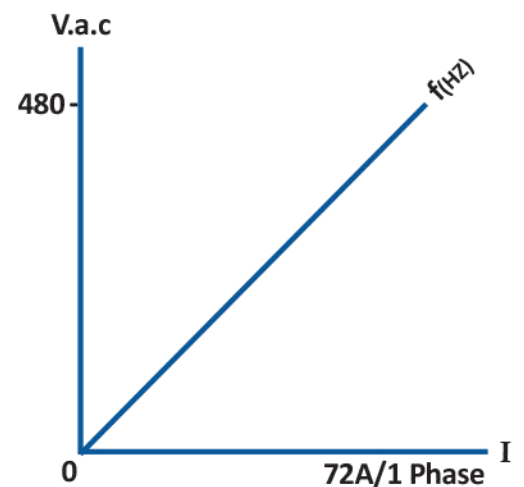
ATE Power Supplies

- Single unit operation and capability to connect units in parallel and serial
- Rack Mount 19" (1U- 9U)
- Voltage Ranges / unit: 0-1200 V.d.c
- Current Ranges / unit: 0-700 Amp.
- Digital LCD displays for Voltage, Current and Power
- Over Voltage, Over Current, Over Power, Over Temperature Protection
- Enable / disable Output(s)
- Preset Parameters
- Manual, Built-in USB, RS-232 & RS-485 LAN, GPIB & Isolated Analog Programming Interfaces option
- Constant Current or Voltage Modes



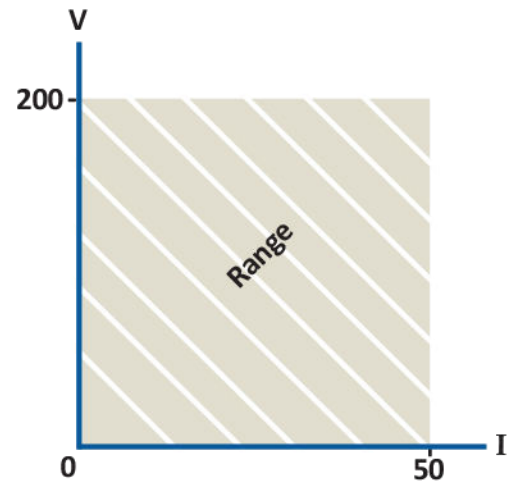
ATE Programmable AC Sources

- Single unit operation and capability to connect units in parallel and serial Bench or Rack Mount 19"
- 1 -3 Phases
- Voltage Ranges / unit: 0-480 VAC
- Current Ranges / unit: 0-72 Amp./ Phase
- Digital LCD displays for Voltage, Current and Power
- Enable / disable Output(s)
- Preset Parameters
- Manual, Built-in USB, RS-232 & RS-485 LAN, GPIB & Isolated Analog Programming Interfaces option
- Variation of frequency / phase angle / amplitude
- Step changes of base frequency
- Asymmetric three phase voltages
- Micro-ruptures and flicker
- Periodic and single shot under- and over voltages
- Voltage drops either three phase or each single phase
- Superimposed harmonic and inter-harmonic voltages up to 3 kHz bandwidth
- Specialized programs for EMC characterization



Bench Laboratory Power Supplies

- Single, Dual and Triple Outputs
- Voltage Ranges: 0-200 V.d.c
- Current Ranges: 0-50 Amp.
- Digital LCD displays for Voltage, Current and Power
- Over Voltage, Over Current, Over Power, Over Temperature Protection
- Enable / disable Output(s)
- Preset Parameters
- Manual, Built-in USB, RS-232 & RS-485 LAN, GPIB & Isolated Analog Programming Interfaces option
- Constant Current or Voltage Modes



ATE Electronics Loads

- Single unit operation and capability to connect units in parallel and serial Bench or Rack Mount 19"
- Voltage Ranges / unit: 0-500 V.d.c
- Current Ranges / unit: 0-240 Amp.
- Digital LCD displays for Voltage, Current and Power
- Enable / disable Output(s)
- Preset Parameters
- Manual, Built-in USB, RS-232 & RS-485 LAN, GPIB & Isolated Analog Programming Interfaces option
- Operation Modes: Constant Current , Constant Power, Constant Voltage and Constant Resistance



19" Spec Model	Output Rating (0°C~40°C)		Ripple & Noise (20Mhz) RMS Value	Display		19" Spec Model	Output Rating (0°C~40°C)		Ripple & Noise (20Mhz) RMS Value	Display	
	V	A		V	A		V	A		V	A
HR 2500 Series (19 inch standard 1U(44mmH)): 600W~2.5KW						HR60-160	0~60	0~160	10mV	0.01	0.1
HR10-60	0~10	0~60	10mV	0.01	0.01	HR80-15	0~80	0~15	10mV	0.01	0.01
HR10-120	0~10	0~120	10mV	0.01	0.1	HR80-22.5	0~80	0~22.5	10mV	0.01	0.01
HR10-180	0~10	0~180	10mV	0.01	0.1	HR80-30	0~80	0~30	10mV	0.01	0.01
HR10-240	0~10	0~240	10mV	0.01	0.1	HR100-12	0~100	0~12	10mV	0.1	0.01
HR10-360	0~10	0~360	10mV	0.01	0.1	HR100-18	0~100	0~18	10mV	0.1	0.01
HR10-480	0~10	0~480	10mV	0.01	0.1	HR100-24	0~100	0~24	10mV	0.1	0.01
HR10-600	0~10	0~600	10mV	0.01	0.1	HR200-6	0~200	0~6	15mV	0.1	0.001
HR10-720	0~10	0~720	10mV	0.01	0.1	HR200-9	0~200	0~9	15mV	0.1	0.001
HR10-840	0~10	0~840	10mV	0.01	0.1	HR200-12	0~200	0~12	15mV	0.1	0.01
HR10-960	0~10	0~960	10mV	0.01	0.1	HR300-4	0~300	0~4	25mV	0.1	0.001
HR20-60	0~20	0~60	10mV	0.01	0.01	HR300-6	0~300	0~6	25mV	0.1	0.001
HR20-90	0~20	0~90	10mV	0.01	0.01	HR300-8	0~300	0~8	25mV	0.1	0.001
HR20-120	0~20	0~120	10mV	0.01	0.1	HR600-2	0~600	0~2	60mV	0.1	0.001
HR30-40	0~30	0~40	10mV	0.01	0.01	HR600-3	0~600	0~3	60mV	0.1	0.001
HR30-60	0~30	0~60	10mV	0.01	0.01	HR600-4	0~600	0~4	60mV	0.1	0.001
HR30-80	0~30	0~80	10mV	0.01	0.01	HR 5000 Series (19 inch standard 2U(88mmH)): 3.75KW~5KW					
HR40-15	0~40	0~15	10mV	0.01	0.01	HR20-180	0~20	0~180	15mV	0.01	0.1
HR40-30	0~40	0~30	10mV	0.01	0.01	HR20-240	0~20	0~240	15mV	0.01	0.1
HR40-45	0~40	0~45	10mV	0.01	0.01	HR20-120	0~30	0~120	15mV	0.01	0.1
HR40-60	0~40	0~60	10mV	0.01	0.01	HR30-160	0~30	0~160	15mV	0.01	0.1
HR40-90	0~40	0~90	10mV	0.01	0.01	HR50-72	0~50	0~72	15mV	0.01	0.01
HR40-120	0~40	0~120	10mV	0.01	0.1	HR50-96	0~50	0~96	15mV	0.01	0.01
HR40-150	0~40	0~150	10mV	0.01	0.1	HR80-45	0~80	0~45	15mV	0.01	0.01
HR40-180	0~40	0~180	10mV	0.01	0.1	HR80-60	0~80	0~60	15mV	0.01	0.01
HR40-210	0~40	0~210	10mV	0.01	0.1	HR100-36	0~100	0~36	15mV	0.1	0.01
HR40-240	0~40	0~240	10mV	0.01	0.1	HR100-48	0~100	0~48	15mV	0.1	0.01
HR50-24	0~50	0~24	10mV	0.01	0.01	HR150-4	0~150	0~4	30mV	0.1	0.001
HR50-36	0~50	0~36	10mV	0.01	0.01	HR150-5	0~150	0~5	30mV	0.1	0.001
HR50-48	0~50	0~58	10mV	0.01	0.01	HR150-12	0~150	0~12	30mV	0.1	0.01
HR60-10	0~60	0~10	10mV	0.01	0.01	HR150-16	0~150	0~16	30mV	0.1	0.01
HR60-20	0~60	0~20	10mV	0.01	0.01	HR150-24	0~150	0~24	30mV	0.1	0.01
HR60-30	0~60	0~30	10mV	0.01	0.01	HR150-32	0~150	0~32	30mV	0.1	0.01
HR60-40	0~60	0~40	10mV	0.01	0.01	HR150-40	0~150	0~40	30mV	0.1	0.01
HR60-60	0~60	0~60	10mV	0.01	0.01	HR150-48	0~150	0~48	30mV	0.1	0.01
HR60-80	0~60	0~80	10mV	0.01	0.01	HR150-56	0~150	0~56	30mV	0.1	0.01
HR60-100	0~60	0~100	10mV	0.01	0.1	HR150-64	0~150	0~64	30mV	0.1	0.01
HR60-120	0~60	0~120	10mV	0.01	0.1	HR200-18	0~200	0~18	30mV	0.01	0.01
HR60-140	0~60	0~140	10mV	0.01	0.1	HR200-24	0~200	0~24	30mV	0.1	0.01

Spec 19" Model	Output Rating (0°C~40°C)		Ripple &Noise (20Mhz) RMS Value	Display	
	V	A		V	A
HR300-12	0~310	0~12	50mV	0.1	0.01
HR300-16	0~300	0~16	50mV	0.1	0.01
HR600-6	0~600	0~6	120mV	0.1	0.001
HR600-8	0~600	0~8	120mV	0.1	0.001
HR 10000 Series (19 inch standard 4U(176mmH)): 6KW~10KW					
HR20-360	0~20	0~360	30mV	0.01	0.1
HR20-480	0~20	0~480	30mV	0.01	0.1
HR30-240	0~30	0~240	30mV	0.01	0.1
HR30-320	0~30	0~320	30mV	0.01	0.1
HR50-144	0~50	0~144	30mV	0.01	0.1
HR50-192	0~50	0~192	30mV	0.01	0.1
HR80-90	0~80	0~90	30mV	0.01	0.01
HR80-120	0~80	0~120	30mV	0.01	0.1
HR100-72	0~100	0~72	40mV	0.1	0.01
HR100-96	0~100	0~96	40mV	0.1	0.01
HR200-36	0~200	0~36	60mV	0.1	0.01
HR200-48	0~200	0~48	60mV	0.1	0.01
HR300-24	0~300	0~24	100mV	0.1	0.01
HR300-32	0~300	0~32	100mV	0.1	0.01
HR600-12	0~600	0~12	240mV	0.1	0.01
HR600-16	0~600	0~16.8	240mV	0.1	0.01



Output voltage (VDC)	Output power (kW)	Output current (A)
0~52 V	0~10 kW	0~250 A
	0~16 kW	0~400 A
	0~20 kW	0~500 A
	0~32 kW	0~700 A
0~65 V	0~10 kW	0~193 A
	0~16 kW	0~308 A
	0~20 kW	0~385 A
	0~32 kW	0~600 A
0~100 V	0~10 kW	0~125 A
	0~16 kW	0~200 A
	0~20 kW	0~250 A
	0~32 kW	0~400 A
0~130 V	0~10 kW	0~96 A
	0~16 kW	0~153 A
	0~20 kW	0~192 A
	0~32 kW	0~308 A
0~200 V	0~10 kW	0~63 A
	0~16 kW	0~100 A
	0~20 kW	0~125 A
	0~32 kW	0~200 A
0~320 V	0~20 kW	0~80 A
	0~32 kW	0~125 A
0~400 V	0~10 kW	0~31 A
	0~16 kW	0~50 A
	0~20 kW	0~63 A
	0~32 kW	0~100 A
0~500 V	0~10 kW	0~25 A
	0~16 kW	0~40 A
	0~20 kW	0~50 A
	0~32 kW	0~80 A
0~600 V	0~10 kW	0~20 A
	0~16 kW	0~32 A
	0~20 kW	0~40 A
	0~32 kW	0~66 A
0~800 V	0~10 kW	0~16 A
	0~16 kW	0~25 A
	0~20 kW	0~32 A
	0~32 kW	0~50 A
0~1000 V	0~10 kW	0~13 A
	0~16 kW	0~20 A
	0~20 kW	0~25 A
	0~32 kW	0~40 A
0~1200V	0~20 kW	0~20 A
	0~32 kW	0~33 A

Strong Development & Engineering Team!

About Horizon

Since 1970, Horizon Electronics has been a leading designer and manufacturer of power supply systems, specialized in harsh environmental, industrial, civil and defense.

Horizon offers both standard and custom solutions, ranging from light customization up to fully customized products. The company brings to its customers high-quality, innovative products, and cost effective solutions.

Our DNA

Experience

- ⊕ 45 years of developing and manufacturing of power supply systems
- ⊕ Hundreds of thousands power supply units delivered
- ⊕ Hundreds of man-years of Power supply expertise and knowledge
- ⊕ Leading customer base in diverse vertical markets

Performance

- ⊕ State of the art Technologies, industry-leading performance, Innovation driven
- ⊕ Platforms optimized with experience and know-how gained over multiple platform generations

Value

- ⊕ Complete cost-effective power supply systems and components
- ⊕ Flexibility and fast customization to customer's specific requirements
- ⊕ Strong Technical support

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