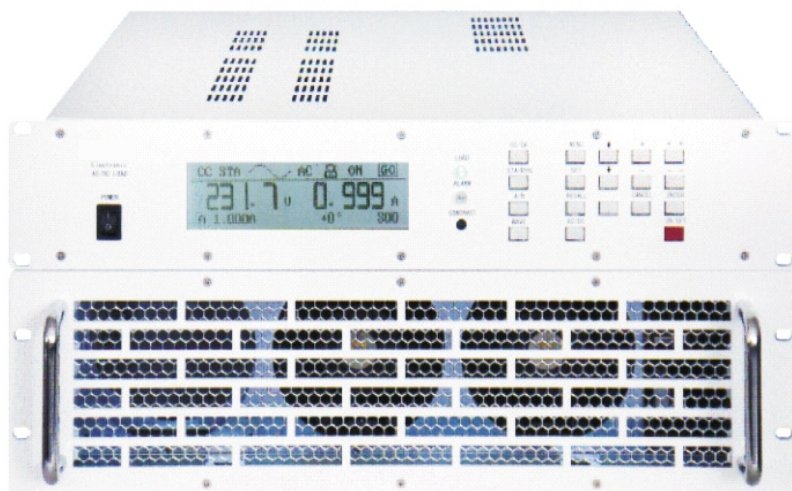


Carga Eletrônica AC/DC série 290x



Regime AC / DC

Modos de operação :

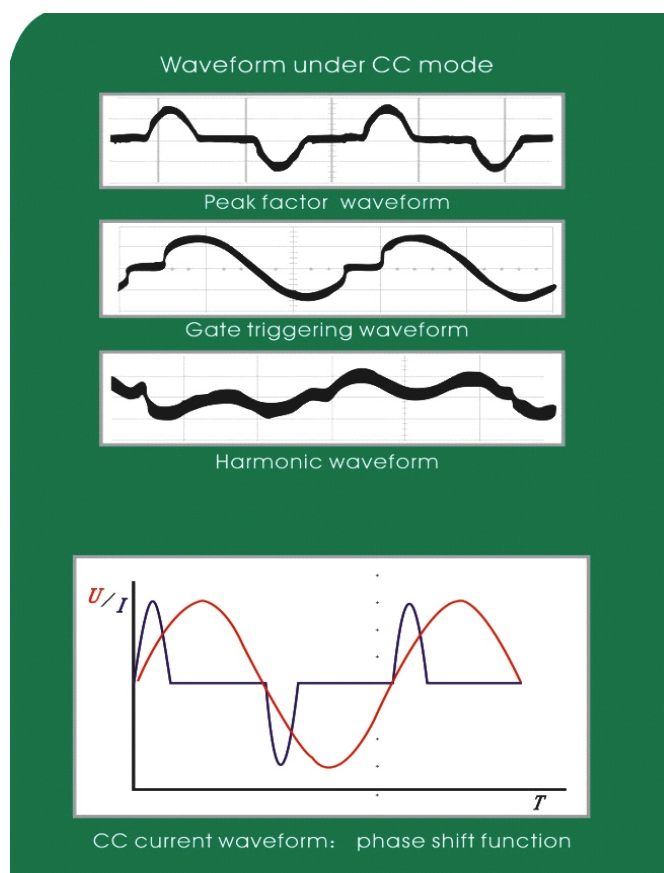
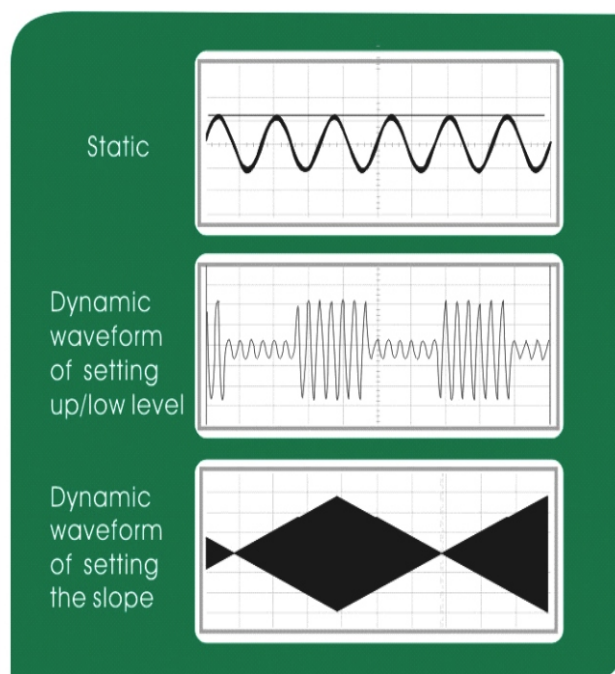
Corrente Constante,
Resistência Constante
Potência Constante

Permite ajuste de deslocamento de fase da corrente, simulando cargas capacitivas e indutivas, inclusive harmônicas.

Modelos: de 1400W/10A/260V
até 5600W/20A/260V

As cargas eletrônicas da série 290x foram desenvolvidas para testes de transformadores, baterias, quadros de medição, fontes de alimentação AC/DC, inversores AC/DC, chaves, determinação da resposta à transientes, ensaios, testes de "aging" e fadiga.

Para teste em linha de produção, esta série permite além da medição precisa, o ajuste de limites min e max dos parâmetros de voltagem, corrente e potência, com sinal PASS/FAIL disponível em porta tipo GO / NO GO.



Model No.		AN29201	AN29202	AN29203	AN29204	
Working Conditions		Working Power Supply	AC 220V±10%, 50/60Hz±5%			
		Environment Temperature	0~40℃			
		Relative Humidity	20~90%RH40℃			
Input		Max. Power	1400W	2800W	4200W	5600W
		Max. Voltage	260V			
		Max. Current	10A	20A	30A	40A
		Working Frequency	DC,40~440Hz			
Working Mode	Constant Current	Range	0.10~10A	0.10~20A	0.10~30A	0.10~40A
		Resolution	10mA			
		Allowed Maximum Error	DC/50/60Hz:±(0.5% of setting + 0.3 % of measurement) 400Hz: ±(1.0 % of setting + 0.5% of measurement)			
	Constant Resistance	Range	1~400Ω	1~200Ω	1~130Ω	1~100Ω
		Resolution	0.1 / 1Ω			
		Allowed Maximum Error	DC/50/60Hz:±(1.5% of setting + 0.5 % of measurement) 400Hz: ±(1.5 % of setting + 1.0% of measurement)			
	Constant Power	Range	10W~1400W	10W~2800W	10W~4200W	10W~5600W
		Resolution	1W			
		Allowed Maximum Error	DC/50/60Hz:±(1.5% of setting + 0.5 % of measurement) 400Hz: ±(2 % of setting + 1.0% of measurement)			
Measurement	Voltage	Range	0.000~260.0V			
		Resolution	100mV			
		Allowed Maximum Error	DC/50/60Hz:±(0.5% of setting + 0.1 % of measurement) 400Hz: ±(0.5 % of setting + 0.1% of measurement)			
	Current	Range	0~10.00A	0~20.00A	0~30.00A	0~40.00A
		Resolution	10mA			
		Allowed Maximum Error	DC/50/60Hz:±(0.5% of setting + 0.2 % of measurement) 400Hz: ±(1.0 % of setting + 0.5% of measurement)			
	Power	Range	10W~1400W	10W~2800W	10W~4200W	10W~5600W
		Resolution	1W			
		Allowed Maximum Error	DC/50/60Hz:±(1.5% of setting + 0.5 % of measurement) 400Hz: ±(2% of setting + 1.0% of measurement)			
Current Phase shift Angle	Setting Range	-90° ~+90°				
	Resolution	1°				
Current Waveform Simulation	Peak Factor Setting Range	1.4~5				
	Trigger Phase shift Range	0° ~360°				
Dynamic Characteristics	Load On Time Setting Range	5ms~10s				
Protection function		Input Over Voltage/ Current/ Power, Over Temperature				
Dimension W×H×D(mm)		482×250×460		482×383×460		
Weight (kg)		33	43	58	68	
Remarks		1.Environment: 23℃ ±5℃				
		2. Below 21℃it can reach full power, the power will decrease 1.2% with increasing temperature 1℃				