

3260A

交 / 直流電子負載 GPIB / RS232



AC & DC ELECTRONIC LOAD



博計電子股份有限公司

新北市新店區寶中路88號8樓

TEL : 886-2-2918-2620

FAX : 886-2-2912-9870

[http : //www.prodigit.com.tw](http://www.prodigit.com.tw) E-mail : carry@prodigit.com.tw



- 3260A** 300V, 12A, 1200VA
- 3261A** 300V, 18A, 1800VA
- 32601A** 300V, 24A, 2400VA
- 32611A** 300V, 36A, 3600VA
- 32612A** 300V, 54A, 5400VA
- 32613A** 300V, 72A, 7200VA
- 32614A** 300V, 90A, 9000VA
- 32615A** 300V, 108A, 10800VA
- 32616A** 300V, 126A, 12600VA



特 性

- 可顯示電壓值、電流值、瓦特值、伏安 (VA) 值
- 定電流、**線性定電流**、定電阻及峰值係數工作模式
- 具有GPIB/RS232，且有五組儲存/呼叫記憶
- **功率因數(PF) 可調 : 1, 0.85~ -085**
- 具讀值上/下限比較之功能
- 過電壓、電流、功率及溫度保護
- 四位半之電壓、電流、功率及伏安錶
- **適用於正弦波、方波、階梯波**

說 明

- 3260A系列適用於階梯波、方波及正弦波之交流裝置的測試，因而對於不斷電電源UPS、電源穩壓器AVR、Inverter、蓄電池、交直流電源/零組件...等，無疑是最佳的測試解決方案。
- 具獨立的控制及顯示面版，與五組設定記憶搭配，可提升設定操作之效率。
- **其可調的功率因數 (PF, Range: 1, 0.85~-0.85) 設定，更加擴大了測試環境之模擬。**
- 內含良/不良 (GO/NG) 之比較功能，對生產線及品管提供了簡便的測試結果判別。

功率因數 (PF)、波峰因數對照表

Memory Bank Table (只適用於CC Mode)

	BANK	A	B	C	D	E
Sine wave	0	$\sqrt{2}$	2.0	2.5	3.0	3.5
Sine wave	1	1.5	1.6	1.7	1.8	1.9
Sine wave	2	3.0	3.1	3.2	3.3	3.4
C.F.=2	3	P.F.= -0.85	P.F.= -0.80	P.F.= -0.75	P.F.= -0.70	P.F.= -0.65
C.F.=2.5	4	P.F.= -0.70	P.F.= -0.65	P.F.= -0.60	P.F.= -0.50	P.F.= -0.40
C.F.=3.5	5	P.F.= -0.50	P.F.= -0.45	P.F.= -0.40	P.F.= -0.35	P.F.= -0.30
C.F.=2	6	P.F.=0.85	P.F.=0.80	P.F.=0.75	P.F.=0.70	P.F.=0.65
C.F.=2.5	7	P.F.=0.70	P.F.=0.65	P.F.=0.60	P.F.=0.50	P.F.=0.40
C.F.=3.5	8	P.F.=0.50	P.F.=0.45	P.F.=0.40	P.F.=0.35	P.F.=0.30
Square	9	1	1.1	1.2	1.3	1.4
DC	10	$\sqrt{2}$ dc	2dc	2.5dc	3.0dc	3.5dc

Lag

Lead

規 格

MODEL	3260A		3261A		32601A	
Power (VA)	1200VA		1800VA		2400VA	
Current (Ampere)	12 Arms		18 Arms		24 Arms	
Voltage (Volt)	50~300 Vrms		50~300 Vrms		50~300 Vrms	
PROTECTIONS						
Over Power	≒ 1260 VA		≒ 1890 VA		≒ 2520 VA	
Over Current	≒ 12.6 A		≒ 18.9 A		≒ 25.2 A	
Over Voltage	≒ 315 V		≒ 315 V		≒ 315 V	
Over Temp.	85 °C		85 °C		85 °C	
CC MODE & Linear CC MODE						
Range	0~6A	6~12A	0~9A	9~18A	0~12A	12~24A
Resolution	1.5mA	3mA	2.25mA	4.5mA	3mA	6mA
Accuracy	± (0.5% of setting + 1% of range) ; ± 0.5% of (setting + range) @ 50;60 Hz					
Low Current Accuracy	0 ~ 0.6A		0 ~ 0.9A		0 ~ 1.2A	
	± 2% of (setting + range)					
CR MODE						
Range	5~20Ω	20~80KΩ	3.333~13.33Ω	13.33~53.332KΩ	2.5~10Ω	10~40KΩ
Resolution	0.052mS	0.013mS	0.076mS	0.019mS	0.1mS	0.025mS
Accuracy	± (0.5% of setting + 2% of range) ; ± 0.5% of (setting + range) @ 50;60 Hz					
CREST FACTOR (CC MODE ONLY)						
Range	√2~3.5 / 1.5~1.9 / 3.0~3.4					
Resolution	0.5 / 0.1 / 0.1					
VOLTAGE READBACK V METER						
Range	300V		300V		300V	
Resolution	0.1V		0.1V		0.1V	
Accuracy	± (0.5% of reading + 0.2% of range)					
CURRENT READBACK A METER						
Range	12A		18A		24A	
Resolution	0.001A		0.001A		0.01A	
Accuracy	± (0.5% of reading + 2% of range) ; ± 0.5% of (reading + range) @50/60 Hz					
WATT READBACK W METER						
Range	1200W		1800W		2400W	
Resolution	0.1W		0.1W		0.1W	
Accuracy	± (0.5% of reading + 2% of range) ; ± 0.5% of (reading + range) @50/60 Hz					
VA Meter	Vrms x Arms Correspond To Vrms And Arms					
Frequency Range	DC, 40~400Hz (CC Mode) ; DC~400Hz (LIN,CR Mode)					
Imonitor (Isolated)	3 A / V		4.5 A / V		6 A / V	
Weight	參照訂購方式					
Dimension (HxWxD)	參照訂購方式					

輸入電源：115/230 Vac ±10% , 50/60Hz

冷卻方式：智慧型風扇冷卻

訂 購 方 式

▶ **3260A**
300V , 12A , 1200VA



18.5 kg
W=483mm
H=177mm
D=445mm

▶ **3261A**
300V , 18A , 1800VA



21.5 kg
W=483mm
H=177mm
D=445mm

▶ **32601A**
300V , 24A , 2400VA



(桌上型)



44 kg
W=480mm
H=459mm (含輪子)
D=577mm

規 格

MODEL	32611A		32612A		32613A	
Power (VA)	3600VA		5400VA		7200VA	
Current (Ampere)	36 Arms		54 Arms		72 Arms	
Voltage (Volt)	50~300 Vrms		50~300 Vrms		50~300 Vrms	
PROTECTIONS						
Over Power	≒ 3780 VA		≒ 5570 VA		≒ 7560 VA	
Over Current	≒ 37.8 A		≒ 56.7 A		≒ 75.6 A	
Over Voltage	≒ 315 V		≒ 315 V		≒ 315 V	
Over Temp.	85 °C		85 °C		85 °C	
CC MODE & Linear CC MODE						
Range	0~18A	18~36A	0~27A	27~54A	0~36A	36~72A
Resolution	4.5mA	9mA	6.75mA	13.5mA	9mA	18mA
Accuracy	± (0.5% of setting + 1% of range) ; ± 0.5% of (setting + range) @ 50;60 Hz					
Low Current Accuracy	0 ~ 1.8A		0 ~ 2.7A		0 ~ 3.6A	
	± 2% of (setting + range)					
CR MODE						
Range	1.667~6.668Ω	6.668~26.668KΩ	1.111~4.444Ω	4.444~17.776KΩ	0.833~3.333Ω	3.333~13.33KΩ
Resolution	0.148mS	0.037mS	0.224mS	0.056mS	0.300mS	0.075mS
Accuracy	± (0.5% of setting + 2% of range) ; ± 0.5% of (setting + range) @ 50;60 Hz					
CREST FACTOR (CC MODE ONLY)						
Range	√2~3.5 / 1.5~1.9 / 3.0~3.4					
Resolution	0.5 / 0.1 / 0.1					
VOLTAGE READBACK V METER						
Range	300V		300V		300V	
Resolution	0.1V		0.1V		0.1V	
Accuracy	± (0.5% of reading + 0.2% of range)					
CURRENT READBACK A METER						
Range	36A		54A		72A	
Resolution	0.01A		0.012A		0.012A	
Accuracy	± (0.5% of reading + 2% of range) ; ± 0.5% of (reading + range) @50/60 Hz					
WATT READBACK W METER						
Range	3600W		5400W		7200W	
Resolution	1W		1.2W		1.2W	
Accuracy	± (0.5% of reading + 2% of range) ; ± 0.5% of (reading + range) @50/60 Hz					
VA Meter	Vrms x Arms Correspond To Vrms And Arms					
Frequency Range	DC, 40~400Hz (CC Mode) ; DC~400Hz (LIN,CR Mode)					
Imonitor (Isolated)	9 A / V		13.5 A / V		18 A / V	
Weight	參照訂購方式					
Dimension (HxWxD)	參照訂購方式					

輸入電源：115/230 Vac ±10% , 50/60Hz

冷卻方式：智慧型風扇冷卻

訂 購 方 式

- ▶ **32611A**
300V , 36A , 3600VA



(桌上型)



44 kg
W=480mm
H=459mm (含輪子)
D=577mm

- ▶ **32612A**
300V , 54A , 5400VA



66 kg
W=480mm
H=637mm
D=577mm

- ▶ **32613A**
300V , 72A , 7200VA



153 kg
W= 600mm
H=1283mm
D= 600mm

規 格

MODEL	32614A		32615A		32616A	
Power (VA)	9000VA		10800VA		12600VA	
Current (Ampere)	90 Arms		108 Arms		126 Arms	
Voltage (Volt)	50~300 Vrms		50~300 Vrms		50~300 Vrms	
PROTECTIONS						
Over Power	≒ 9450 VA		≒ 11340 VA		≒ 13230 VA	
Over Current	≒ 94.5 A		≒ 113.4 A		≒ 132.3 A	
Over Voltage	≒ 315 V		≒ 315 V		≒ 315 V	
Over Temp.	85 °C		85 °C		85 °C	
CC MODE & Linear CC MODE						
Range	0~45A	45~90A	0~54A	54~108A	0~63A	63~126A
Resolution	11.25mA	21.5mA	13.5mA	27mA	15.75mA	31.5mA
Accuracy	± (0.5% of setting + 1% of range) ; ± 0.5% of (setting + range) @ 50;60 Hz					
Low Current Accuracy	0 ~ 4.5A		0 ~ 5.4A		0 ~ 6.3A	
	± 2% of (setting + range)					
CR MODE						
Range	0.666~2.666Ω	2.666~10.666KΩ	0.556~2.224Ω	2.224~8.888KΩ	0.476~1.904Ω	1.904~7.616KΩ
Resolution	0.375mS	0.094mS	0.452mS	0.113mS	0.525mS	0.131mS
Accuracy	± (0.5% of setting + 2% of range) ; ± 0.5% of (setting + range) @ 50;60 Hz					
CREST FACTOR (CC MODE ONLY)						
Range	$\sqrt{2}$ ~3.5 / 1.5~1.9 / 3.0~3.4					
Resolution	0.5 / 0.1 / 0.1					
VOLTAGE READBACK V METER						
Range	300V		300V		300V	
Resolution	0.1V		0.1V		0.1V	
Accuracy	± (0.5% of reading + 0.2% of range)					
CURRENT READBACK A METER						
Range	90A		108A		126A	
Resolution	0.012A		0.012A		0.014A	
Accuracy	± (0.5% of reading + 2% of range) ; ± 0.5% of (reading + range) @50/60 Hz					
WATT READBACK W METER						
Range	9000W		10800W		12600W	
Resolution	1W		1.2W		1W	
Accuracy	± (0.5% of reading + 2% of range) ; ± 0.5% of (reading + range) @50/60 Hz					
VA Meter	Vrms x Arms Correspond To Vrms And Arms					
Frequency Range	DC, 40~400Hz (CC Mode) ; DC~400Hz (LIN,CR Mode)					
Imonitor (Isolated)	22.5 A / V		27 A / V		31.5 A / V	
Weight	參照訂購方式					
Dimension (HxWxD)	參照訂購方式					

輸入電源：115/230 Vac ±10% , 50/60Hz

冷卻方式：智慧型風扇冷卻

訂 購 方 式

▶ **32614A**
300V , 90A , 9000VA



174.5 kg
W= 600mm
H=1283mm
D= 600mm

▶ **32615A**
300V , 108A , 10800VA



196 kg
W= 600mm
H=1506mm
D= 600mm

▶ **32616A**
300V , 126A , 12600VA



230.5 kg
W= 600mm
H=1728mm
D= 600mm