

# 3260A Series

AC & DC ELECTRONIC LOAD



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



### Features

- Voltage, Current, Watt and VA value display.
- CC、Linear CC、CR, and Crest Factor mode.
- GPIB/RS232 Interface and 5 states Recall/Store Memory.
- Power factor (PF) adjustable : 1, 0.85 ~ -0.85.
- Threshold Upper/Lower limit capability.
- Protections against V, I, W, and °C.
- Dual 4 1/2 Meter Display for Voltage, Current, Watt and VA.
- Suitable for Sine, Square, Step wave.

### Descriptions

- The 3260A Series is a 300V High power AC and DC Load in one unit, it provides an ideal testing solution for UPS, AVR, D/A inverter, especially for step or square waveform UUT
- Each High power Series AC&DC Load has its own control and display panel, and with 5 states Recall / Store memory which provides load set-up more efficiently
- Adjustable power factor setting (PF, Range: 1, 0.85 ~ -0.85) extends the simulation of test environment
- Built-in GO/NG meter check function offers brief test result diagnosis for production, QC test throughput

### Power Factor (PF) & Crest Factor Table

Memory Bank Table (C.C. Mode Only)

|           | 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

## Specifications

| 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 ℃  |         | 85 ℃         |                | 85 ℃        |         |
| 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 ) ;<br>± 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 ) ;<br>± 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 ) ;<br>± 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 ) ;<br>± 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                        | refer to order Information  |         |              |                |             |         |
| Dimension (HxWxD)             | refer to order Information  |         |              |                |             |         |

Input AC Power : 115/230 Vac ±10% , 50/60Hz

Cooling : Advanced Fan Cooled

## Order Information

### ▶ 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



( Desktop )



44 kg  
W=480mm  
H=459mm  
D=577mm

## Specifications

| 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 ℃   |                | 85 ℃         |                | 85 ℃         |               |
| 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) ;<br>± 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) ;<br>± 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) ;<br>± 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) ;<br>± 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                        | refer to order Information   |                |              |                |              |               |
| Dimension (HxWxD)             | refer to order Information   |                |              |                |              |               |

Input AC Power : 115/230 Vac ±10% , 50/60Hz

Cooling : Advanced Fan Cooled

## Order Information

- **32611A**  
300V , 36A , 3600VA



( Desktop )



44 kg  
W=480mm  
H=459mm  
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

## Specifications

| 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 ℃  |                | 85 ℃         |               | 85 ℃         |               |
| 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 ) ;<br>± 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 ) ;<br>± 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                         | 90A   |                | 108A         |               | 126A         |               |
| Resolution                    | 0.012A  |                | 0.012A       |               | 0.014A       |               |
| Accuracy                      | ± ( 0.5% of reading + 2% of range ) ;<br>± 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 ) ;<br>± 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                        | refer to order Information  |                |              |               |              |               |
| Dimension (HxWxD)             | refer to order Information  |                |              |               |              |               |

Input AC Power : 115/230 Vac ±10% , 50/60Hz

Cooling : Advanced Fan Cooled

## Order Information

### ► 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