

# RACKMOUNT POWER SUPPLIES

## Industry Proven Performance & Reliability

### Expandable High Current N+1 Redundancy With Battery Back-up

- 120 VAC Input, 13.8 VDC Output  
40, 60, 80 or 100 Amp Models
- 230 VAC Input, 13.8 VDC Output  
40, 60, 80 or 100 Amp Models
- 120 VAC Input, 27.6 VDC Output  
30, 40, 50 Amp Models



\* Modules also available separately

### High Current Industrial Rackmount



SEC-1212R1 or SEC-1223R1 (UL & cUL)  
120 VAC Input, 13.8 VDC Output  
10 or 23 Amp Models  
3 Year Warranty



SEC-1212R2 or SEC-1223R2 (UL & cUL)  
120 VAC Input, 13.8 VDC Output  
Two 10 or 23 Amp Models for independent operation  
3 Year Warranty



### FEATURES

- Low Profile
- Light Weight
- High Efficiency & High Reliability
- Broadband, Communications, Audio



### AC-DC Industrial 19" Rackmounts

Input Selectable 120 /230 VAC  
Output: 5 VDC, 9 VDC, 12 VDC, 15 VDC, 24 VDC, or 48 VDC  
600 or 1000 Watt Models  
UL / cUL Approved

see back for complete specifications



SAMLEX AMERICA

## RACKMOUNT POWER SUPPLIES

**INPUT VOLTAGE**  
 120 VAC Nominal Models  
 230 VAC Nominal Models  
**OUTPUT VOLTAGE**  
**OUTPUT CURRENT, CONT.**  
**CURRENT LIMITING**  
**COOLING**  
**PROTECTIONS**  
**CONNECTIONS**  
 AC Input 120 VAC Models  
 AC Input 230 VAC Models  
 DC Output  
**DIMENSIONS - inches**  
**WEIGHT - pounds**  
**WARRANTY**

<u>SEC-40BRM</u> <u>SEC-40BRM-220</u>	<u>SEC-60BRM</u> <u>SEC-60BRM-220</u>	<u>SEC-80BRM</u> <u>SEC-80BRM-220</u>	<u>SEC-100BRM</u> <u>SEC-100BRM-220</u>
105 ~ 125 VAC, 60 Hz	105 ~ 125 VAC, 60 Hz	105 ~ 125 VAC, 60 Hz	105 ~ 125 VAC, 60 Hz
210 ~ 250 VAC, 50/60 Hz	210 ~ 250 VAC, 50/60 Hz	210 ~ 250 VAC, 50/60 Hz	210 ~ 250 VAC, 50/60 Hz
13.8 VDC	13.8 VDC	13.8 VDC	13.8 VDC
40 Amps	60 Amps	80 Amps	100 Amps
48 Amps	72 Amps	96 Amps	120 Amps
← Forced Air Cooling , 2 Fans →			
← Short Circuit, Current Limit, Fan Failure, Input Surge Suppression →			
2 Pole, 3 Wire Plug (120 V, 15A)		2 Pole, 3 Wire Plug (120 V, 20A) 2 Pole, 3 Wire Plug (120 V, 30A)	
2 Pole, 3 Wire grounding plug (Schuko 250 V, 16A)			
Tubular Terminals with set screws ( Positive & Negative Load & Battery Connectors )			
19" x 3.6" x 15.9"	19" x 3.6" x 15.9"	19" x 3.6" x 15.9"	19" x 3.6" x 15.9"
21 lbs	22.5 lbs	24 lbs	25.5 lbs
2 Years	2 Years	2 Years	2 Years

**INPUT VOLTAGE**  
**INPUT FREQUENCY**  
**OUTPUT VOLTAGE**  
**OUTPUT RIPPLE & NOISE**  
**OUTPUT CURRENT, CONT.**  
**CURRENT LIMITING**  
**COOLING**  
**PROTECTIONS**  
 Over Temperature  
**CONNECTIONS**  
 AC Input  
 DC Output  
**DIMENSIONS - inches**  
**WEIGHT - pounds**  
**SAFETY LISTINGS**  
**FCC**  
**WARRANTY**

<u>SEC-1212R1</u>	<u>SEC-1223R1</u>	<u>SEC-1212R2</u>	<u>SEC-1223R2</u>
120 VAC	120 VAC	120 VAC	120 VAC
60 Hz	60 Hz	60 Hz	60 Hz
13.8 VDC	13.8 VDC	13.8 VDC	13.8 VDC
< 150 Mv Peak-Peak	< 150 Mv Peak-Peak	< 150 Mv Peak-Peak	< 150 Mv Peak-Peak
10 Amps	23 Amps	10 Amps x 2	23 Amps x 2
14 Amps	25 Amps	14 Amps x 2	25 Amps x 2
Convection	Temp. Controlled Fan	Convection	Temp. Controlled Fan
← Short Circuit, Over Load, Reverse Polarity →			
No	Yes	No	Yes
← Detachable Power Cord c/w NEMA 5-15P Plug →			
← Terminals with Tubular Hole Dia. 0.2" with Set Screw →			
19" x 3.5" X 8.7"	19" x 3.5" X 8.7"	19" x 3.5" X 8.7"	19" x 3.5" X 8.7"
4.5 lbs	5 lbs	8 lbs	8.5 lbs
UL & cUL	UL & cUL	UL & cUL	UL & cUL
Tested to comply with FCC Part 15 Class B Standards			
3 Years	3 Years	3 Years	3 Years

**INPUT VOLTAGE**  
**OUTPUT VOLTAGE & CURRENT**  
 5 VDC  
 9 VDC  
 12 VDC  
 15 VDC  
 24 VDC  
 27 VDC  
 48 VDC  
**COOLING**  
**PROTECTIONS**  
**DIMENSIONS - inches**  
**WEIGHT - pounds**  
**SAFETY LISTINGS**  
**WARRANTY**

<u>SE-600RM</u>	<u>SE-1000RM</u>
90-132 VAC, 180-264 VAC Switch Selectable	
100 Amps	150 Amps
n/a	100 Amps
50 Amps	83.3 Amps
40 Amps	66.7 Amps
25 Amps	41.7 Amps
22.2 Amps	n/a
12.5 Amps	20.8 Amps
Forced Air Cooling with Built-in Fan	
Short Circuit, Overload, Over Voltage, Over Temperature	
19" x 3.5"	19" x 3.5"
6.5 lbs	7.5 lbs
UL & cUL	UL & cUL
2 Years	2 Years