

# Linear Power Supplies



## Features and Specifications

- SOLID STATE ELECTRONICALLY REGULATED
- FOLD BACK CURRENT LIMITING Protects Power Supply from excessive current and continuous shorted output
- CROWBAR OVER VOLTAGE PROTECTION ON ALL MODELS
- MAINTAIN REGULATION AND LOW RIPPLE at low line input Voltage
- THREE CONDUCTOR POWER CORD
- HEAVY DUTY HEAT SINK
- INPUT VOLTAGE: 105-125VAC
- OUTPUT VOLTAGE: 13.8VDC  $\pm$ 0.05 volts
- INTERNALLY ADJUSTABLE VOLTAGE (11-15VDC)
- RIPPLE: LESS THAN 5MV PEAK TO PEAK (full load and low line)
- LOAD REGULATION: 0.08% from 0 to Full Continuous Load
- EFFICIENCY: 77%
- OPERATING TEMP: -10 to 55°C
- 220V MODELS AVAILABLE BY SPECIAL ORDER

### RS-4A / RS-4L



- CONTINUOUS DUTY: 3 Amps
- ICS\*: 4 Amps
- DIMENSIONS: 3½ x 6¼ x 7¼"
- SHIPPING WEIGHT: 6 lbs
- FUSE: GMC 1A
- POWER TERMINALS: Banana
- AC CURRENT DRAW  
IDLE: 87 mA  
FULL LOAD: .7A
- FAN COOLED: No

### RS-5A / RS-5L



- CONTINUOUS DUTY: 4 Amps
- ICS\*: 5 Amps
- DIMENSIONS: 3½ x 6¼ x 7¼"
- SHIPPING WEIGHT: 7 lbs
- FUSE: GMC 2A
- POWER TERMINALS: Banana
- AC CURRENT DRAW  
IDLE: 165 mA  
FULL LOAD: .92A
- FAN COOLED: No

### RS-7A



- CONTINUOUS DUTY: 5 Amps
- ICS\*: 7 Amps
- DIMENSIONS: 3¾ x 6½ x 9"
- SHIPPING WEIGHT: 9 lbs
- FUSE: GMC 2A
- POWER TERMINALS: Banana
- AC CURRENT DRAW  
IDLE: 111mA  
FULL LOAD: 1.2A
- FAN COOLED: No

- Front Panel Cigarette Lighter Socket on model RS-4L

## RS-12A



- CONTINUOUS DUTY: **9 Amps**
- ICS\*: **12 Amps**
- DIMENSIONS: **4½ x 8 x 9"**
- SHIPPING WEIGHT: **13 lbs**
- FUSE: **GMC 3A**
- POWER TERMINALS: **Banana**
- AC CURRENT DRAW  
IDLE: **124mA**  
FULL LOAD: **2A**
- FAN COOLED: **No**
- **Battery Backup Circuit available on RS-12A-BB**

- Front Panel Cigarette Lighter Socket on model RS-5L

## RS-20A



- CONTINUOUS DUTY: **16 Amps**
- ICS\*: **20 Amps**
- DIMENSIONS: **5 x 9 x 10½"**
- SHIPPING WEIGHT: **18 lbs**
- FUSE: **GMC 5A**
- POWER TERMINALS:
  - **1/4"-20 Screw Type**
- AC CURRENT DRAW  
IDLE: **215mA**  
FULL LOAD: **3.4A**
- FAN COOLED: **No**
- **Battery Backup Circuit available on RS-20A-BB**

## RS-35A



- CONTINUOUS DUTY: **25 Amps**
- ICS\*: **35 Amps**
- DIMENSIONS: **5 x 11 x 11"**
- SHIPPING WEIGHT: **27 lbs**
- FUSE: **AGC 8A**
- POWER TERMINALS:
  - **1/4"-20 Screw Type**
- AC CURRENT DRAW  
IDLE: **230mA**  
FULL LOAD: **5.7A**
- FAN COOLED: **No**
- **Anderson Power Poles available on model RS-35A-AP**

## RS-50A



- CONTINUOUS DUTY: **37 Amps**
- ICS\*: **50 Amps**
- DIMENSIONS: **6 x 13¾ x 11"**
- SHIPPING WEIGHT: **46 lbs**
- FUSE: **GMC 10A**
- POWER TERMINALS:
  - **1/4"-20 Screw Type**
- AC CURRENT DRAW  
IDLE: **316mA**  
FULL LOAD: **8.2A**
- FAN COOLED: **No**

## RS-70A



- CONTINUOUS DUTY: **57 Amps**
- ICS\*: **70 Amps**
- DIMENSIONS: **6 x 13¾ x 11"**
- SHIPPING WEIGHT: **48 lbs**
- FUSE: **MDA 12A Ceramic**
- POWER TERMINALS:
  - **1/4"-20 Screw Type**
- AC CURRENT DRAW  
IDLE: **340mA**  
FULL LOAD: **11.4A**
- FAN COOLED: **Yes**



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