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Data Sheet

August 2, 2026

ASTRON

Astron RS-35M DC Power Supply with Meters

Astron RS-35M DC Power Supply with Meters The Astron RS-35M (RS35M) provides a heavy-duty linear regulated 13.8 VDC desktop power supply with front-panel volt and amp meters. Continuous output is 25 A with 35 A intermittent (ICS) at 13.8 V. Output is 13.8 VDC $\pm$ 0.05 V and internally adjustable about 11–15 VDC. Features include solid-state electronic regulation, fold-back current limiting, crowbar over-voltage protection, heavy-duty heat sink cooling (no fan), chassis-mount fuse, and ripple less than 5 mV peak-to-peak at full load and low line. Input is 105–125 VAC. The trailing "M" denotes meters (illuminated/backlit on current production). PowerPole variants exist as RS-35M-AP. The Astron RS-35M (RS35M) provides a heavy-duty linear regulated 13.8 VDC desktop power supply with front-panel volt and amp meters. Continuous output is 25 A with 35 A intermittent (ICS) at 13.8 V. Output is 13.8 VDC $\pm$ 0.05 V and internally adjustable about 11–15 VDC. Features include solid-state electronic regulation, fold-back current limiting, crowbar over-voltage protection, heavy-duty heat sink cooling (no fan), chassis-mount fuse, and ripple less than 5 mV peak-to-peak at full load and low line. Input is 105–125 VAC. The trailing "M" denotes meters (illuminated/backlit on current production). PowerPole variants exist as RS-35M-AP. 13.8 V land-mobile and amateur radio base power; metered bench 25



MODEL

Astron RS-35M

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

RS-35M

LISTING

<https://aumictechlabs.com/products/rs-35m-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Astron RS-35M-AP is a robust, solid-state, electronically regulated linear DC power supply designed for reliable operation in various communication and electronic applications. It has a stable output voltage with low ripple and is equipped with built-in protection features. This model includes front-panel mounted Anderson Powerpole connectors for convenient equipment swapping, along with LED-backlit analog meters for real-time monitoring of output voltage and current.

Technical Specifications

- * **Manufacturer:** Astron Corporation
- * **Model:** RS-35M-AP
- * **Type:** Linear, Regulated DC Power Supply
- * **Input Voltage:** 105-125 VAC, 60 Hz
- * **Output Voltage:** 13.8 VDC $\pm 0.05V$, internally adjustable from 11 VDC to 15 VDC
- * **Continuous Output Current:** 25 Amps
- * **ICS (Surge) Output Current:** 35 Amps
- * **Load Regulation:** 0.08% from 0 to Full
- * **Continuous Load Line Regulation:** 0.5% over load and line
- * **Ripple:** Less than 5 mV peak to peak (at full load and low line)
- * **Efficiency:** 77%
- * **Input Current Draw:**
 - * Idle: 230mA
 - * Full Load: 5.7A

Protection Features:

- * **Fold-back Current Limiting:** Protects against excessive current and continuous shorted output
- * **Crowbar Over Voltage Protection:** Latched current limiting upon overvoltage to drop output to safe levels
- * **Cooling:** Heavy-duty heat sink, fan-cooled
- * **No Operating Temperature Range:** -10°C to 55°C
- * **Fuse:** AGC 8A or 8 amp AC line fuse accessible at the rear panel

Electrical Details

- * **Solid State Electronically Regulated:** Ensures stable voltage output
- * **Maintain Regulation and Low Ripple at Low Line Input Voltage:** Critical for consistent performance
- * **Interfaces**
 - * **Output Terminals:**
 - * 1/4"-20 Screw Type terminals on the rear panel
 - * Two pairs of Anderson Powerpole connectors on the front panel
 - * **Meters:** LED backlit analog Volt and Amp meters on the front panel
 - * **Amperage Meter Range:** 0-40 Amps
 - * **Voltage Meter Range:** 0-15 VDC

Physical Characteristics

- * **Dimensions:** 5 inches (H) x 11 inches (W) x 11 inches (D)
- * **Weight:** Approximately 25-27 lbs
- * **Construction:** Heavy-duty, high-quality materials, aluminum chassis
- * **AC Power Cord:** Three conductor power cord, removable CEE-22 AC power socket on newer models

Compatibility

- * **Input Voltage:** Designed for 105-125 VAC input in the USA. 220V models are available by special order.
- * **Output Configuration:** The RS-35M-AP is suitable for powering various DC equipment, including amateur radio transceivers, communication systems, and laboratory equipment requiring stable 13.8V DC power.

Why Choose Aumictech for the Astron RS-35M? At Aumictech, we specialize in supplying high-end power supply equipment. Whether you need reliable DC power for critical communications, stable voltage for sensitive lab instruments, or solid performance for industrial applications, our team ensures the Astron RS-35M delivers maximum performance for your application.

Features & description

From manufacturer datasheet

Features

- Linear regulated 13.8 VDC supply with meters
- 25 A continuous / 35 A intermittent (ICS)
- Separate volt and amp meters (LED backlit on current units)
- Fold-back current limiting; crowbar OVP
- Ripple less than 5 mV p-p
- Load regulation about 0.08% (0 to full continuous)
- Heavy-duty heat sink; no fan
- Input 105–125 VAC
- Made in USA (Astron Corporation)

RS35M Characteristics / Specifications

PARAMETER	VALUE
Model	RS-35M (RS35M)
Manufacturer	Astron Corporation
Instrument Type	Linear regulated DC power supply with meters
Input Voltage	105–125 VAC
Output Voltage	13.8 VDC +/- 0.05 V (internally adjustable about 11–15 VDC)
Continuous Current	25 A @ 13.8 VDC
Intermittent / Peak (ICS)	35 A @ 13.8 VDC
Ripple	less than 5 mV peak-to-peak (full load, low line)
Metering	separate volt and amp meters
Cooling	heat sink (not fan cooled)
Fuse	AGC 8A class (manufacturer table)
Dimensions	about 5 × 11 × 11 in
Shipping Weight	about 27 lb
Related	RS-35A (no meters); RS-35M-AP (Anderson PowerPole) Standard Operating Conditions Provide ventilation around the heat sink. Do not exceed continuous rating for sustained loads; observe ICS duty for peaks. Verify AC mains match the faceplate.

RS35M Specifications

PARAMETER	VALUE
Key Features	- Linear regulated 13.8 VDC supply with meters
Technical Specifications	Model: RS-35M (RS35M)
Operational Notes	RS-35M is 13.8 V linear—not 28 V LS/VLS series. Confirm meters and connector options (AP suffix) on the installed unit.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Standard Operating Conditions	
Provide ventilation around the heat sink. Do not exceed continuous rating for sustained loads; observe ICS duty for peaks. Verify AC mains match the faceplate.	
Operational Notes	
RS-35M is 13.8 V linear-not 28 V LS/VLS series. Confirm meters and connector options (AP suffix) on the installed unit.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.