

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 2, 2026

ASTRON

Astron SL-15R Slimline DC Power Supply

The Astron SL-15R-EFJ is a reliable and efficient 13.8 VDC power supply, ideal for powering communication equipment and various electronic devices. It delivers up to 12 amps continuously and 15 amps surge. Featuring a rugged design and built-in protection circuits, it ensures stable and safe operation.



MODEL

Astron SL-15R-EFJ

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

SL-15R-EFJ

LISTING

<https://aumictechlabs.com/products/sl-15r-efj-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Astron SL-15R-EFJ is a regulated linear power supply designed for powering communication equipment and other electronic devices. It features a low-profile, rugged design suitable for desktop use, often incorporating a housing for specific mobile radios. This unit has a stable 13.8 VDC output, with capabilities for continuous and surge current delivery. Technical Specifications * Product Name: Astron SL-15R-EFJ Power Supply Type: Linear, Regulated Input Voltage: 105-125 VAC Output Voltage: 13.8 VDC $\pm$ 0.05 volts * Internally adjustable: 11-15 VDC Continuous Current Output: 12 Amps Surge Current Output: 15 Amps Ripple: Less than 5 mV peak to peak (full load and low line) Regulation: * Line/Load Regulation: $\pm$ 0.2 VDC Protection Features: * Fold-back current limiting to protect against excessive current or shorted output * Crowbar overvoltage protection (on models except specific RS series) * Short circuit protection * Over-voltage protection * Overcurrent protection Cooling Method: Heat sink Metering: None Battery Backup: No

Electrical * Input Power Connector: Three-conductor power cord Interfaces * High Current Terminal Location: Rear panel Low Current Terminal Location: Not specified Lighter Socket: No Speaker: Not integrated Physical * Form Factor: Low Profile Desktop Unit with Integrated Radio Housing (Sleeve/Hood) Dimensions: * Height: 5.375 inches * Width: 7.250 inches * Depth: 9.750 inches Weight: 14.00 lbs Construction: Heavy duty, high quality materials; solid parts Mounting: Includes mounting bracket and side bolts for specific radio installations Compatibility * Primary Compatibility: Designed for use with EF Johnson GT-ML81 and GT-ML83 mobile transceivers. General Use: Suitable for powering various electronic devices and communication equipment requiring 13.8 VDC. Why Choose Aumictech for the Astron SL-15R-EFJ? At Aumictech, we specialize in supplying high-end power supply equipment. Whether you need reliable 13.8 VDC power for critical communication systems, solid surge protection for sensitive electronics, or a stable power source designed for demanding operational environments, our team ensures the Astron SL-15R-EFJ delivers maximum performance for your application.

Features & description

From manufacturer datasheet

Features

- Linear regulated slimline DC supply • 13.8 VDC +/- 0.05 V (adjustable about 11-15 V) • 12 A continuous / 15 A intermittent • Fold-back current limiting; crowbar OVP • Ripple less than 5 mV p-p • Heavy-duty heat sink; chassis fuse • Input 105-125 VAC • Made in USA (Astron) • Related suffixes: SL-15R-EFJ, SL-15R-GE, SL-15R-RA, etc.

SL15REFJ Characteristics / Specifications

PARAMETER	VALUE
Model	SL-15R (family includes SL-15R-EFJ and related)
Manufacturer	Astron Corporation
Instrument Type	Linear regulated slimline DC power supply
Input Voltage	105-125 VAC
Output Voltage	13.8 VDC +/- 0.05 V (internally adjustable about 11-15 VDC)
Continuous Current	12 A @ 13.8 VDC
Intermittent / Peak Current	15 A @ 13.8 VDC
Ripple	less than 5 mV peak-to-peak (full load, low line)
Regulation	maintains regulation at low line
Protection	fold-back current limiting; crowbar over-voltage
Cooling	heat sink
Dimensions	about 2.625 × 7 × 9.75 in (HxWxD)
Shipping Weight	about 13-14 lb class Standard Operating Conditions Provide adequate ventilation around the heat sink. Use proper AC grounding via the three-conductor cord. Do not exceed continuous current ratings for sustained loads. Operational Notes
Related suffixes	SL-15R-EFJ, SL-15R-GE, SL-15R-RA, etc.

SL15REFJ Specifications

PARAMETER	VALUE
Applications	Land-mobile and amateur radio base DC power; slimline 13.8 V bench supplies; continuous 12 A / intermittent 15 A 12 V-class loads.
Technical Specifications	Model: SL-15R (family includes SL-15R-EFJ and related)
Operational Notes	User title SL-15R may match catalog SL-15R-EFJ photo/stock—confirm radio connector optioning on the unit if an EFJ/GE/RA suffix is present.

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

Specifications

PARAMETER	VALUE
Model	SL-15R (family includes SL-15R-EFJ and related)
Manufacturer	Astron Corporation
Instrument Type	Linear regulated slimline DC power supply
Input Voltage	105-125 VAC
Output Voltage	13.8 VDC +/- 0.05 V (internally adjustable about 11-15 VDC)
Continuous Current	12 A @ 13.8 VDC
Intermittent / Peak Current	15 A @ 13.8 VDC
Ripple	less than 5 mV peak-to-peak (full load, low line)
Regulation	maintains regulation at low line
Protection	fold-back current limiting; crowbar over-voltage
Cooling	heat sink
Dimensions	about 2.625 x 7 x 9.75 in (HxWxD)
Shipping Weight	about 13-14 lb class

Standard Operating Conditions

Provide adequate ventilation around the heat sink. Use proper AC grounding via the three-conductor cord. Do not exceed continuous current ratings for sustained loads.

Operational Notes

User title SL-15R may match catalog SL-15R-EFJ photo/stock-confirm radio connector optioning on the unit if an EFJ/GE/RA suffix is present.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 2, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.