

LINEAR MODE DC REGULATED POWER SUPPLY

EP-Series

Description

EP-603, 613

This series are designed for general electronic servicing, school electronics, laboratory and hobbyist. All units may be used as either a constant voltage supply with current limiting or as constant current source with voltage limiting. Three independent outputs, two are fixed voltage, and one adjustable voltage.

EP-815, 825

This series of cost effective fixed output voltage DC 13.8V regulated power supplies provide clean and stable DC power source for transceiver and the Amateur Radio field. The two low current snap on terminals offer more flexibility.

EP-925

This series of low ripple and noise, adjustable voltage power supplies are designed for telecommunication field, workshop, production line and college. The special designed trifler wound transformer with thermal fuse and the extensive overload protection by dissipation limiting circuitry for the pass transistors make this series proven and well known for its reliability and stability.

Features

EP-603, 613

- One 0-30V adjustable output.
- One 5V 500mA snap-on output.
- One 12V 500mA snap-on output.
- Current limiting with Indicator.
- Adjustable current control.
- Overload and short circuit protection.
- Galvanized steel case.

EP-815, 825

- Fixed 13.8VDC output
- High stability
- Low ripple and noise
- One screw-on output terminal
- Two snap on output (3A) terminals
- Overload warning LED indicator
- Overload and short circuit protection
- Over temperature protection for EP-815/ 825
- Thermostatic control fan (constant speed at all time)
- Galvanized steel case (constant speed at all time)
- Galvanized steel case

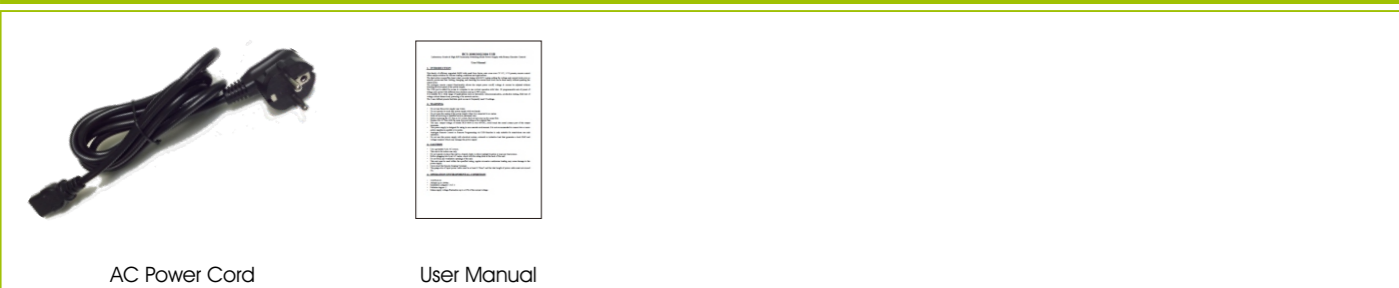
EP-925

- 3-15VDC adjustable output.
- Fixed voltage mode at 13.8VDC.
- Overload and short circuit protection.
- Over Temp. protection for EP-925.
- Overload warning LED indicator.
- High stability.
- Precision ammeter and voltmeter.
- One screw on & 2 snap on terminals.
- Galvanized steel case.
- Fan cooling system for models over 200VA (constant speed at all time).
- Output current limit is depended on output voltage.

General Specifications

Input Voltage	230VAC 50Hz~ (120VAC 60Hz~ or on request)	
Cooling Method	Natural Convection (for EP-603, 613) Thermostatic Control Fan (for EP-815, 825, 925)	
Protection	Overload, Short Circuit	
Approval	CE EMC: EN 55014 LVD: EN 60065	
Dimension (WxHxD)	150x145x200 mm 5.9x5.7x7.9 inch (for EP-603, 613) 150x145x300 mm 5.9x5.7x11.8 inch (for EP-815, 825, 925)	
Weight	2.8 kgs 6.2 lbs (for EP-603, 613) 5.2 kgs 11.4 lbs (for EP-815) 9.0 kgs 19.8 lbs (for EP-825, 925)	

Accessories



* All values are based on the Standard ambient Temperature 25°C and Pressure 0.1Mpa.

* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

LINEAR MODE DC REGULATED POWER SUPPLY

EP-Series

Specifications

Models	EP-603	EP-613
Output Voltage	0-30VDC	
Rated Output Current	2.5A	
Fixed Output Voltage 1	5VDC 0.5A Continuous / 1A Maximum	
Fixed Output Voltage 2	12VDC 0.5A Continuous / 1A Maximum	
Ripple & Noise (r.m.s.)	≤5mV	
Load Regulation (0-100% load)	<0.05% +10mV	
Line Regulation (±5% variation)	<0.05% +10mV	
Meter Type	Analog Meter	LCD Meter
Volt. Meter Range	0-35V	3digit LCD Display
Curr. Meter Range	0-3A	3digit LCD Display
Meter Accuracy	7% fsd	1% +2counts
Output Terminal	One variable main output screw-on type, Two snap-on fixed voltage 1 & 2	



Models	EP-815	EP-825
Output Voltage	13.8VDC	
Rated Output Current	12A	25A
Peak Output Current	15A	30A
Ripple & Noise (peak-peak)	≤15mV	≤20mV
Load Regulation (0-100% load)	≤50mV	≤100mV
Line Regulation (±5% variation)	≤15mV	



Models	EP-925
Variable Output Voltage	3-15VDC
Fixed Output Voltage	13.8VDC
Rated Output Current	25A
Peak Output Current	30A
Ripple & Noise (r.m.s.)	≤15mV
Load Regulation (0-100% load)	≤100mV
Line Regulation (±5% variation)	≤15mV
Volt. Meter Range	0-20V
Curr. Meter Range	0-30A
Meter Accuracy	7% fsd

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