

EP-900 Series DC-regulated power supply unit Operating instructions

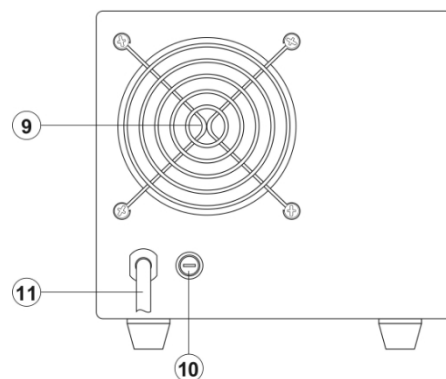
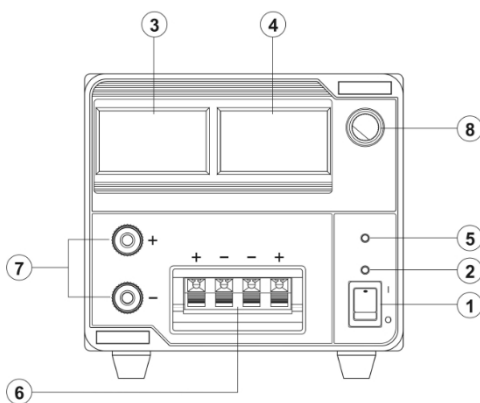
I. General information

The regulated DC power supply of the EP-900 series is a completely solid, compact, well-regulated constant voltage power supply suitable for use in service, hobby and especially for telecommunication devices. For safety reasons, a three-core mains cable is supplied.

II. Properties

1. Overload and short-circuit protection: Protects the appliance against overload and short-circuit. If the device is in an overload or short-circuit state, the output current is limited.
2. Two different output terminals are available: Easy Snap output terminals for low currents and screw-type output terminals.

III. Front and back



1. ON/OFF switch
2. Power display
3. Voltage display
4. Current display
5. Overload indicator
6. Easy Snap-On output connections
7. Screw terminals Output
8. Regulator for output voltage
9. Air inlet fan
10. Fuse holder
11. Mains cable

IV. Operation

A. Installation

1. Set up the appliance in a place where air can circulate freely.
2. **DO NOT** set up the device in damp, dusty places or in direct sunlight.
3. The input voltage must be +/- 5% of the rated input voltage.

B. Attention

1. Do not connect any devices/consumers that require higher currents than the power supply unit can provide. Otherwise the power supply unit may be damaged.
2. **DO NOT** change the fuse until you have rectified the problems/causes. Replace the fuse with the same type and the same rated power.

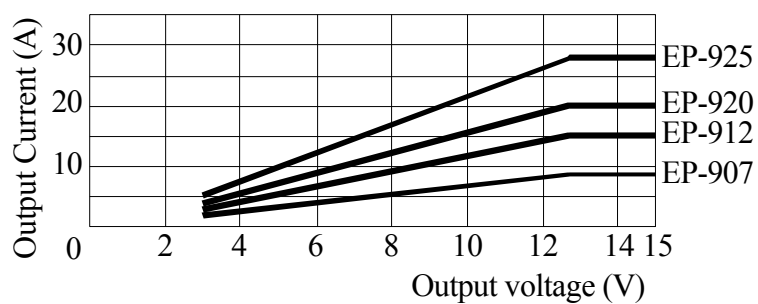
C. Safety precautions

The following precautions **MUST** be read carefully to avoid electric shock.

1. **NEVER** remove the metal cover of the power supply unit while it is connected to the power source.
2. **NEVER** touch the power supply unit with wet/damp hands.
3. **NEVER** operate the power supply unit if foreign bodies such as metal objects, water or other foreign bodies have fallen into the device. Contact your dealer for inspection and repair
4. **NEVER** operate the appliance if it is damaged. As the voltage regulation circuit may have been deactivated, the resulting high DC voltage may cause damage to your appliance.
5. Ensure that foreign objects **NEVER** touch the output connections
6. If you need to check the inside of the power supply unit, allow it to cool down completely, as even failed components can be hot enough to cause burns. Checking is not recommended for persons without appropriate technical knowledge.
7. **NEVER** block the air inlet opening.

D. Output current

The current of the device depends on the output voltage:



E. Connection and operation

1. Switch off the power supply unit and the device to be connected.
2. Connect the device to the power supply unit. Positive pole to red (+) and negative pole to black (-) .
3. Switch on the power supply unit first, then the device.
4. At the end of operation, first switch off the appliance and then the power supply unit.

V. Technical data

Model:	EP-907	EP-912	EP-920	EP-925
Output voltage:	3-15V DC			
Continuous output current:	6A	12A	18A	25A
Max. output current:	7A	15A	20A	30A
Ripple:	<10mV _{r.m.s.}			
Output control:	15mV			
Load control (0~100% load):	40mV	60mV	80mV	100mV
Power supply:	230Vac/50Hz (120Vac/60Hz or on request)			
Measuring device:	ANALOG METERS			
Radiator fan:	No	Yes		
Dimensions (WxHxD)/mm:	150 x 145 x 200	150 x 145 x 300		
Weight (approx.):	3.3 Kg	5.5 Kg	7 Kg	9kg
Accessories:	Operating instructions			

7673-0900-2160