

GENERAL INFORMATION

The Power Play 150 power supply is an “XT” style made to conform to A.M.O.A. and JAMMA cabinet wiring standards. It is manufactured for EM Direct, Inc., 2105 Oxford Road, Des Plaines, ILL. 60018. Their model number is ASP-150 EM and is silkscreened on the circuit board. It is provided in two versions: one with a built-in pushbutton power switch on the side of the power supply and one which does not have a built-in switch. The version without a built-in switch is equipped with a four-wire cable terminated in a 4 pin Molex connector intended to connect with an external power switch located in the game cabinet somewhere. The DC output specifications are:

+ 5 Volts DC @ 15 amps

+ 12 Volts DC @ 5.5 amps

- 5 Volts DC @ 0.5 amp



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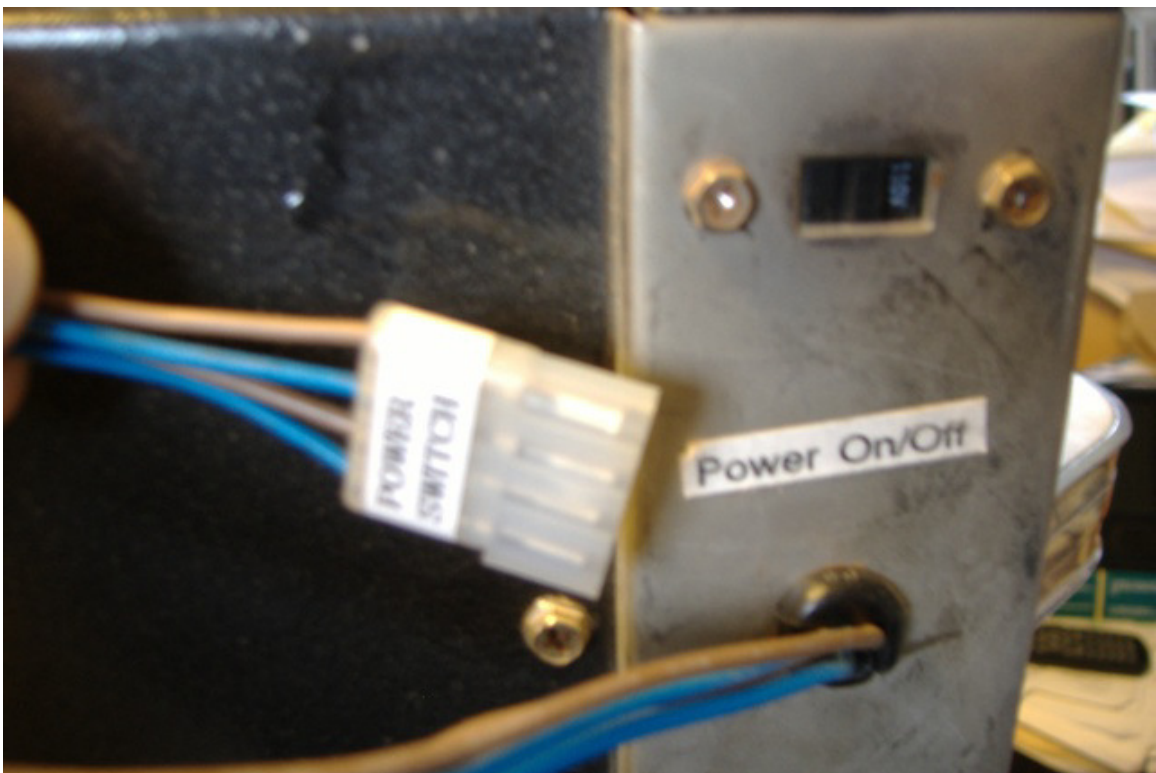
COMMON PROBLEMS

A common “no power up” problem is because of some open resistors. These resistors will usually be found to be bad: R105 & R106 (both are 330 k @ ½ watt) and RW2 (100 ohm @ 2 watts). The AC power input flat white Molex connector which plugs into the circuit board has a tendency to overheat and burn. If found that way you should replace the connector and it’s terminals.

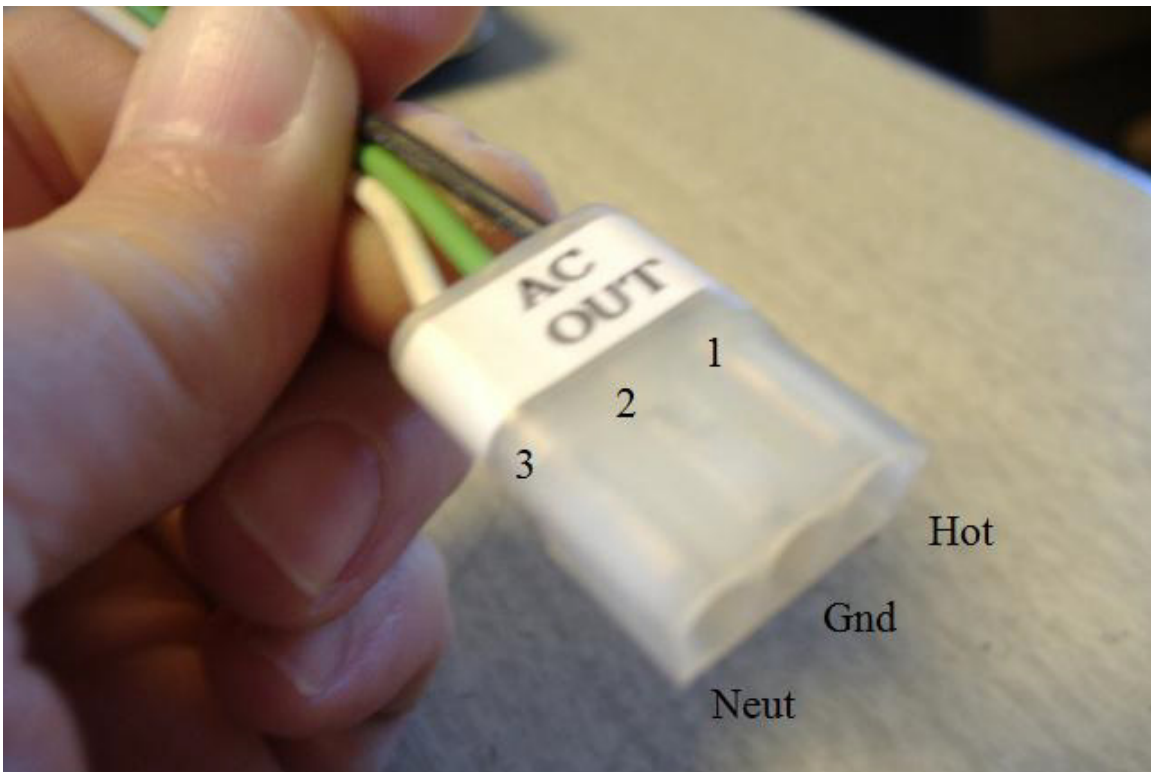
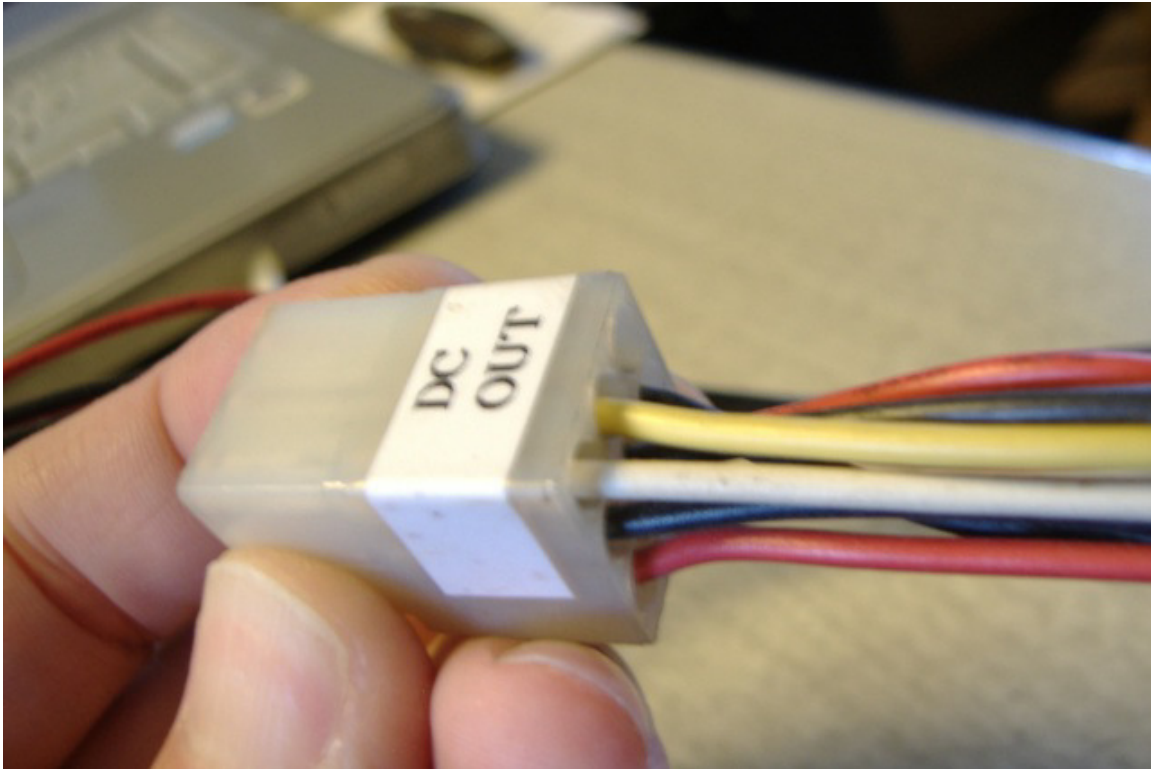
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The +5 volts adjustment pot is located on the side of the case. If the shaft is too short to grab with your fingers to adjust it, use a small straight slot screwdriver instead to turn it.



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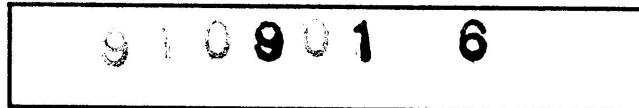


The AC output connector is intended to feed 120 volts AC to the rest of the cabinet to operate the marquee light fixture, monitor isolation transformer, and dollar bill acceptor (if equipped). This connector is controlled by the power switch.

Power Play-150

from **EM Direct**

INPUT: 110/220 VAC
OUTPUT: +5VDC • 15A
 +12VDC • 5.5A
 -5VDC • 0.5A



CONNECTOR WIRING:

9 Pin - DC Output	3 Pin - AC Output
Pin 1-3 • +5V	Pin 1 • AC Line
Pin 4-6 • GND	Pin 2 • Ground
Pin 7 • -5V	Pin 3 • AC Neutral
Pin 8 • +12V	
Pin 9 • Not Used	

4 Pin - AC Switch
Connect Pin 1 to 3
and Pin 2 to 4 for
Power On.

This label is attached to the power supply case.

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