

# CAT # PS-550

## 550 WATT POWER SUPPLY

### HOOK-UP INSTRUCTIONS AND PIN-OUT

#### IMPORTANT NOTE:

This power supply will not function if the following two conditions have not been met:

Pin 27 is an On-Off Switch. It must be connected to Ground for the supply to be on.  
Jump Pin 27 (Brown wire) to any Ground connection (Black wire) to operate.

Like most switching supplies, this one will not operate without a load on the main 5 Volt output. Make sure there is a load between pins 35 and 37.

#### CONNECTIONS

The pin numbers are marked on the black connector. The colors of the wires inside of the supply, connected to the pins, are also indicated. We do not know the functions of all of the pins.

Pin #	Function	Wire color
1	AC in	Brown
2	Chassis ground	Green/yellow
3	AC in	Blue
4-6	No connection	
7	+3 Vdc	Orange
8	Ground	Black
9	+3 Vdc	Orange
18	-5 Vdc	White
20		Blue
21		Blue / white
22	Ground	Black
23	-5 Vdc	White
24	Ground	Black
27	On/off Switch	Brown
28	Ground	Black
29	+12 Vdc	Yellow
30	+12 Vdc	Yellow
31	+12 Vdc	Yellow
32	+12 Vdc	Yellow
33	-12 Vdc	Purple
34	Ground	Black
35	Ground	Black
36	+5 Vdc	Red
37	+5 Vdc	Red

