

# MODELS Q-2 & Q-4



Two and Four Channel Power Supplies



## FEATURES & BENEFITS:

- ä Fits standard size card racks.
- ä Common POWER switch.
- ä Channel outputs may be paralleled for increased current capability.
- ä LED indicators provided for each channel output.
- ä Compact size.

Manufactured By:

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Distributed By:



## Specifications:

### Capacity of Channels:

Model Q-2: Up to 8 channels.  
Model Q-4: Up to 16 channels.

### Input Voltage: 120 VAC, 50/60 HZ.

*NOTE: 240 VAC input voltage available on request, Model Q-2(240) & Model Q-4(240).*

### Output Voltage / Load Current:

(per channel)

Output Voltage	Load Current
31.3 VDC	0
27.2 VDC	100 ma.
24.3 VDC	200 ma.
21.8 VDC	300 ma.

*NOTE: Channel outputs may be paralleled for increased current capability.*

**Output Indicators** (one per channel): High intensity red LED's indicate output status. Indicators illuminate when voltage is  $\geq 21.0 \pm 1.0$  VDC. Indicators extinguish when voltage is  $< 21.0 \pm 1.0$  VDC.

**Power Switch:** One toggle switch switches input line voltage for all channels.

**Dimensions:** 2.00" W x 4.50" H x 6.875" D.  
(5.08 cm. W x 11.43 cm. H x 17.46 cm. D).

**Weight:** Model Q-2: Approx. 1.5 lbs.  
Model Q-4: Approx. 2.5 lbs.

**Connector:** 2 x 22 pin edge card connector with 0.156 inch (0.396 cm.) spacing. Connector centered on 4.500 inch (11.43 cm.) dimension.

## Pin Assignments:

<u>Pins</u>	<u>Model Q-2</u>	<u>Model Q-4</u>
1 & A	D.C. Common	D.C.Common
2 & B	Channel #1	Channel #1
3 & C	Channel #2	Channel #2
4 & D	Spare	Spare
5 & E	Spare	Spare
6 & F	Spare	Spare
7 & H	Spare	Spare
8 & J	Spare	Spare
9 & K	Spare	Spare
10 & L	Chassis Ground	Chassis Ground
11 & M	120 VAC Neutral	120 VAC Neutral
12 & N	120 VAC Line	120 VAC Line
13 & P	Spare	Spare
14 & R	Spare	Spare
15 & S	Spare	Spare
16 & T	Spare	Spare
17 & U	Spare	Channel #3
18 & V	Spare	Channel #4
19 & W	Spare	Spare
20 & X	Spare	Spare
21 & Y	Spare	Spare
22 & Z	Spare	Spare



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