





**TRI-MAG, Inc.**  
*your* POWER Specialists

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## OUTPUT SPECIFICATIONS

Model	Watts	Voltage (Vdc)	Load (A)			Tolerance ±	Ripple & Noise	Regulation	
			Min.	Rate	Peak			Line	Load
DY075-6	75	+5V	0	14	-	1%	100 mV	1.0%	±1%
DY075-7	75	+12V	0	5.6	9.0	1%	100 mV	1.0%	±1%
		+5V	0	0.5	-	5%	50 mV	1.0%	±1%
DY075-8	75	+15V	0	4.8	8.0	1%	100 mV	1.0%	±1%
		+5V	0	0.5	-	5%	50 mV	1.0%	±1%
DY075-9	75	+24V	0	3.0	5.0	1%	200 mV	1.0%	±1%
		+5V	0	0.5	-	5%	50 mV	1.0%	±1%
DY075-3	75	+5V	0	3.5	5.0	1%	50 mV	1.0%	±3%
		+12V	0	4.0	9.0	5%	100 mV	1.0%	±3%
DY075-1	75	+5V	0	3.5	5.0	1%	50 mV	1.0%	±3%
		+12V	0	3.5	9.0	5%	100 mV	1.0%	±3%
		-12V	0	0.3	-	5%	100 mV	1.0%	±5%
DY075-19	75	+3.3V	0	6.0	10.0	3%	50 mV	1.0%	±3%
		+5V	0	4.0	7.0	5%	50 mV	1.0%	±3%
		+12V	0	2.0	-	5%	120 mV	1.0%	±5%
		-12V	0	0.6	-	1%	120 mV	1.0%	±5%
DY075-14	75	+48V	0	1.6	-	1%	300 mV	1.0%	±1%
DY075-18	50	+3.3V	0	15	-	1%	50 mV	1.0%	±1%

**Note:** Contact factory for Safety Agency Approved status.

1. Each output can provide up to peak load temporarily. Continuous staying in more than rated load is not allowed.
2. At factory, in 60% rated load condition, each output is checked to be within voltage accuracy.
3. Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
4. Load regulation is defined by changing ±40% of measured output load from 60% rated load.
5. The ripple and noise is measured by using 15MHz bandwidth limited oscilloscope and terminated each output with a 0.47 µF capacitor at rated load and nominal line.

## ENCLOSURES (optional)

**ECS**



**EUS**



Our Standard power supplies, the DY075 Series, can be installed into a fully enclosed chassis or in a 'U' shape chassis as an option. These options offer two mounting planes to choose from. The fully enclosed option help to reduce radiated noise.

Example Part Number:  
 DY075-9ECS or DY075-9EUS

\*Note DY040 pictured in chassis



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***DY075 SERIES 75 WATT— PIN ASSIGNMENT***

<b>Model \ Pin</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
DY075-6	+5V	+5V	+5V	+5V	COM	COM	COM	COM
DY075-7	+12V	+12V	+12V	COM	COM	COM	COM	+5V
DY075-8	+15V	+15V	+15V	COM	COM	COM	COM	+5V
DY075-9	+24V	+24V	+24V	COM	COM	COM	COM	+5V
DY075-3	+5V	+5V	COM	COM	COM	COM	+12V	+12V
DY075-1	+5V	+5V	COM	COM	+12V	+12V	-12V	N/C
DY075-19	+3.3V	+3.3V	COM	COM	+5V	+5V	-12V	+12V
DY075-14	+48V	+48V	+48V	COM	COM	COM	COM	+5V
DY075-18	+3.3V	+3.3V	+3.3V	+3.3V	COM	COM	COM	COM