



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

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OUTPUT SPECIFICATIONS

Model	Watts	Voltage (Vdc)	Load (A)				Voltage Tolerance ±	Ripple & Noise Pk to Pk	Regulation	
			Min.	Rate	Max	Peak			Line	Load
DY040-2	45	+5V	0	3	4	5	±2%	1%	±1%	±3%
		+12	0	2	3	4	±5%	1%	±1%	±3%
		-12	0	0.3		-	±5%	1%	±1%	±5%
DY040-3	45	+5V	0	3	4	5	±2%	1%	±1%	±3%
		+12	0	2.3	3.3	4	±5%	1%	±1%	±3%
DY040-11	45	+5V	0	3	4	6	±1%	1%	±1%	±3%
		+24V	0	1	1.5	2.4	±5%	1%	±1%	±3%
		+12V	0	0.3		-	±5%	1%	±1%	±5%
DY040-6	45	+5V	0	7		10	±2%	1%	±1%	±3%
DY040-7	45	+12V	0	3.3		5	±1%	1%	±1%	±1%
		+5V	0	0.5		-	±5%	1%	±1%	±1%
DY040-7-1	45	+12V	0	3.7		5	1%	1%	±1%	±1%
DY040-8	45	+15V	0	2.6		4	±1%	1%	±1%	±1%
		+5V	0	0.5			±5%	1%	±1%	±1%
DY040-8-1	45	+15V	0	3.0		4	±1%	1%	±1%	±1%
DY040-9	45	+24V	0	1.7		2.5	±1%	1%	±1%	±1%
		+5V	0	0.5		-	±5%	1%	±1%	±1%
DY040-9-1	45	+24V	0	1.9		2.5	±1%	1%	±1%	±1%
DY040-14	45	+48V	0	1		1.35	±1%	1%	±1%	±1%
DY040-D	45	+3.3V	0	4		5	±2%	1%	±1%	±3%
		+5V	0	3		4	±5%	1%	±1%	±3%
		+12	0	0.3		-	±5%	1%	±1%	±5%

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.
6. Hold up time is measured from the end of the last charging pulse to the time which the main output drops down to 95% output voltage at rated load and nominal line.



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DY040 SERIES 45 WATT— PIN ASSIGNMENT

Model \ Pin	1	2	3	4	5	6
DY040-2	+5V	+5V	GND	GND	+12V	-12V
DY040-3	+5V	+5V	GND	GND	+12V	NC
DY040-11	+5V	+5V	GND	GND	+24V	+12V
DY040-6	+5V	+5V	GND	GND		
DY040-7	+12V	+12V	GND	GND	+5V	NC
DY040-7-1	+12V	+12V	GND	GND		
DY040-8	+15V	+15V	GND	GND	+5V	NC
DY040-8-1	+15V	+15V	GND	GND		
DY040-9	+24V	+24V	GND	GND	+5V	NC
DY040-9-1	+24V	+24V	GND	GND		
DY040-14	+48V	+48V	GND	GND		
DY040-D	+3.3V	+3.3V	GND	GND	+5V	+12V

ENCLOSURES (optional)



ECS



EUS

Our Standard power supplies, the DZ040 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:
 DY040-3ECS or DY040-3EUS

Dimension Table:

Figure	Inches	(mm)
A	4.25	108
B	2.38	60.5
C	1.50	38.1
D	2.75	69.9
E	1.38	35.1
F	0.50	12.7
G	0.75	19.1

All Dimensions in Inches (mm)

Case Size:
 4.25" x 2.38" x 1.5"
 108 x 60.5 x 38.1 mm

Mounting Holes:
 1.38" x 2.75"
 35.1 x 69.9 mm

