





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

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### OUTPUT SPECIFICATIONS

Model	Watts	Voltage (Vdc)	Output Rated (A)				Voltage Tolerance ±	Ripple & Noise Pk to Pk	Regulation	
			Min.	Rate	Max	Peak			Line	Load
DY060-1	60	+5V	0	3	5	7	±1%	1%	±1%	±3%
		+12	0	3	4	6	±5%	1%	±1%	±3%
		-12	0	0.3		-	±5%	1%	±1%	±5%
DY060-6	60	+5V	0	10		15	±1%	1%	±1%	±1%
DY060-7	60	+12V	0	4.8		7.5	±1%	1%	±1%	±1%
		+5V	0	0.5		1	±5%	1%	±1%	±1%
DY060-7-1	60	+12V	0	5		7.5	±1%	1%	±1%	±1%
DY060-8	60	+15V	0	3.8		6.0	±1%	1%	±1%	±1%
		+5V	0	0.5		1	±5%	1%	±1%	±1%
DY060-8-1	60	+15V	0	4.0		6.0	±1%	1%	±1%	±1%
DY060-9	60	+24V	0	2.4		3.8	±1%	1%	±1%	±1%
		+5V	0	0.5		1	±5%	1%	±1%	±1%
DY060-9-1	60	+24V	0	2.5		3.8	±1%	1%	±1%	±1%
DY060-14	60	+48V	0	1.25		1.9	±1%	1%	±1%	±1%
DY060-D	60	+3.3V	0	5		7	±1%	1%	±1%	±3%
		+5V	0	4		5.5	±5%	1%	±1%	±3%
		+12V	0	1		-	±5%	1%	±1%	±5%
DY060-11	60	+5V	0	3	5	7	±1%	1%	±1%	±3%
		+24V	0	1.5	2	3	±5%	1%	±1%	±3%
		+12V	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.
7. Efficiency is measured at rated load.



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**DY060 SERIES 60 WATT— PIN ASSIGNMENT**

Model \ Pin	1	2	3	4	5	6
DY060-1	+5V	+5V	GND	GND	+12V	-12V
DY060-6	+5V	+5V	+5V	GND	GND	GND
DY060-7	+12V	+12V	GND	GND	+5V	NC
DY060-7-1	+12V	+12V	GND	GND		
DY060-8	+15V	+15V	GND	GND	+5V	NC
DY060-8-1	+15V	+15V	GND	GND		
DY060-9	+24V	+24V	GND	GND	+5V	NC
DY060-9-1	+24V	+24V	GND	GND		
DY060-14	+48V	+48V	GND	GND		
DY060-D	+3.3V	+3.3V	GND	GND	+5V	+12V
DY060-11	+5V	+5V	GND	GND	+24V	+12V

**ENCLOSURES (optional)**

**ECS**



**EUS**



Our Standard power supplies, the DY060 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:  
 DY060-9ECS or DY060-9EUS

\*Note DY040 pictured in chassis