



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			Line	Load
DG300-7(-M)	300	+12V	0	25	30	+11.9V~+12.10V	100mVpp	±1%	±1%
DG300-8(-M)	300	+15V	0	20	24	+14.90V~+15.10V	150mVpp	±1%	±1%
DG300-3(-M)	300	+18V	0	17	20.5	+17.90V~+18.10V	100mVpp	±1%	±1%
DG300-9(-M)	300	+24V	0	12.5	15	+23.80V~+24.20V	200mVpp	±1%	±1%
DG300-T(-M)	300	+48V	0	6.3	7.6	+47.90V~+48.10V	200mVpp	±1%	±1%
DG300-H(-M)	300	+60V	0	5	6	+58V~+62V	300mVpp	±1%	±1%

Note: (-M) indicates Medical model. Use when specifying a medical power supply e.g. DG300-7-M

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 $\pm 10\%$ of input voltage from nominal line at rated load.
4. Load regulation is defined by changing $\pm 40\%$ 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.