

Global Performance Switching Power Supplies with the Agency Approvals You Need

General Specifications

AC Input: 85-264 VAC, 47-63 Hz single phase.

Hold-Up Time: 20 mSec minimum from loss of AC input at full load, nominal line (115 VAC).

Overload Protect: Fully protected against short circuit and output overload.

Input Protect: Internal AC fuse provided on all units.

Operating Temperature Range: 0°-50°C at full rated output power.

Thermal Shutdown: Provided as a standard feature in GPX 130, 140, 200 and 225 models.

Power Fail: TLL of CMOS compatible output goes low (<0.5 V) 5 mSec before output voltage drops more than 4% below nominal voltage upon loss of AC power or 130 W units and above.

Remote Sense: Provided as a standard feature on the +5 V output of GPX 130 and 200 multi-output models and GPX 40, 80, 140 and 225 single-output models.

Overvoltage: Built in on +5 V outputs and all single output models.

GPX40 Series. 40 watts. Overall Dimensions: 5.00" × 3.00" × 1.28". Weight: 0.75 lbs.

Output 1		Output 2		Output 3		Output 4		Commercial				Medical			
Volts/ Amps	Load Reg.	Volts/ Amps	Load Reg.	Volts/ Amps	Load Reg.	Volts/ Amps	Load Reg.	Stock No.	Mfr.'s Type	EACH		Stock No.	Mfr.'s Type	EACH	
										1-4	5-24			1-4	5-24
+5.0 V @ 4.0 A	2.00%	+12 V @ 2.0 A	5.00%	-12 V @ 0.4 A	3.00%	—	—	744-7000	GPC40A	80.92	74.96	744-8000	GPM40A	80.99	77.80
+5.0 V @ 4.0 A	2.00%	+15 V @ 2.0 A	5.00%	-15 V @ 0.4 A	3.00%	—	—	744-7005	GPC40B	80.92	74.96	744-8005	GPM40B	79.79	75.80
+5.0 V @ 4.0 A	2.00%	+24 V @ 1.0 A	5.00%	-12 V @ 0.4 A	3.00%	—	—	744-7200	GPC40D	80.92	74.96	744-8200	GPM40D	78.62	74.69
3.3 V @ 8.0 A	2.00%	—	—	—	—	—	—	744-7101	GPC40-3.3	65.52	62.24	744-8101	GPM40-3.3	78.62	74.69
5.0 V @ 8.0 A	2.00%	—	—	—	—	—	—	744-7205	GPC40-5	74.25	70.55	744-8205	GPM40-5	78.62	74.69
9.0 V @ 4.5 A	2.00%	—	—	—	—	—	—	744-7206	GPC40-9	66.52	62.24	—	—	—	—
12.0 V @ 3.3 A	2.00%	—	—	—	—	—	—	744-7210	GPC40-12	80.92	71.40	744-8210	GPM40-12	84.19	79.93
15.0 V @ 2.7 A	2.00%	—	—	—	—	—	—	744-7215	GPC40-15	65.52	62.24	744-8215	GPM40-15	78.62	74.69
24.0 V @ 1.7 A	0.75%	—	—	—	—	—	—	744-7220	GPC40-24	79.72	74.96	744-8220	GPM40-24	78.62	74.69
28.0 V @ 1.4 A	2.00%	—	—	—	—	—	—	744-7102	GPC40-28	68.63	63.16	744-8102	GPM40-28	78.62	74.69

GPX41 Series. 41 watts. Overall Dimensions: 4.0" × 2.0" × 1.5". Weight: 0.75 lbs.

+5.0 V @ 6.0 A	0.75%	—	—	—	—	—	—	744-0022	GPC41-5	52.50	49.88	744-0021	GPM41-5	63.00	59.85
+12.0 V @ 3.3 A	0.75%	—	—	—	—	—	—	744-0032	GPC41-12	52.50	49.88	744-0031	GPM41-12	63.00	59.85
+15.0 V @ 2.7 A	0.75%	—	—	—	—	—	—	744-0042	GPC41-15	52.50	49.88	744-0041	GPM41-15	63.00	59.85
+24.0 V @ 1.7 A	0.75%	—	—	—	—	—	—	744-0052	GPC41-24	52.50	49.88	744-0051	GPM41-24	63.00	59.85
+28.0 V @ 1.4 A	0.75%	—	—	—	—	—	—	744-0062	GPC41-28	52.50	49.88	744-0061	GPM41-28	63.00	59.85

GPXC50 Series. 50 watts. Overall Dimensions: 6.3" × 3.92" × 1.57". Weight: 1.5 lbs.

+5.0 V @ 5.0 A	2.00%	+12 V @ 2.0 A	5.00%	-12 V @ 0.5 A	3.00%	—	—	744-7700	GPC50A	67.70	64.32	—	—	—	—
+5.0 V @ 5.0 A	2.00%	+12 V @ 1.2 A	5.00%	-12 V @ 0.5 A	3.00%	—	—	744-7710	GPC50F	67.70	64.32	—	—	—	—

GPX55 Series. 55 watts. Overall Dimensions: 6.3" × 3.94" × 1.68". Weight: 1.6 lbs.

+5.0 V @ 6.0 A	2.00%	+12 V @ 3.0 A	5.00%	+12 V @ 1.0 A	3.00%	-12 V @ 1.0 A	3.00%	744-7010	GPC55A	87.36	82.99	744-8010	GPM55A	104.83	99.58
+5.0 V @ 6.0 A	2.00%	+12 V @ 3.0 A	5.00%	-12 V @ 1.0 A	3.00%	-5 V @ 1.0 A	3.00%	744-7015	GPC55B	92.49	86.82	744-8015	GPM55B	104.83	99.58
+5.0 V @ 6.0 A	2.00%	+15 V @ 3.0 A	5.00%	-15 V @ 1.0 A	3.00%	-5 V @ 1.0 A	3.00%	744-7225	GPC55C	102.16	94.47	744-8225	GPM55C	104.83	99.58
+5.0 V @ 6.0 A	2.00%	+24 V @ 1.5 A	5.00%	+12 V @ 1.0 A	3.00%	-12 V @ 1.0 A	3.00%	744-7020	GPC55D	95.56	92.27	744-8020	GPM55D	104.83	99.58
+5.0 V @ 6.0 A	2.00%	+24 V @ 1.5 A	5.00%	+15 V @ 1.0 A	3.00%	-15 V @ 1.0 A	3.00%	744-7025	GPC55E	94.51	88.20	744-8025	GPM55E	104.83	99.58
+5.0 V @ 6.0 A	2.00%	+12 V @ 3.0 A	5.00%	+15 V @ 1.0 A	3.00%	-15 V @ 1.0 A	3.00%	744-7026	GPC55F	84.44	80.22	—	—	—	—
5.0 V @ 11.0 A	2.00%	—	—	—	—	—	—	744-7030	GPC55-5	87.36	82.99	744-8030	GPM55-5	104.83	99.58
12.0 V @ 4.7 A	2.00%	—	—	—	—	—	—	744-7035	GPC55-12	91.39	86.82	—	—	—	—
15.0 V @ 3.7 A	2.00%	—	—	—	—	—	—	744-7040	GPC55-15	87.36	82.99	744-8040	GPM55-15	104.83	99.58
24.0 V @ 2.3 A	2.00%	—	—	—	—	—	—	744-7045	GPC55-24	87.36	82.99	744-8045	GPM55-24	104.83	99.58
28.0 V @ 2.3 A	2.00%	—	—	—	—	—	—	744-7091	GPC55-28	87.36	82.99	—	—	—	—
48.0 V @ 1.5 A	2.00%	—	—	—	—	—	—	744-7705	GPC55-48	87.36	82.99	—	—	—	—

GPX80 Series. 80 watts connection, 110 watts with 26 CFM fan cooling. Overall Dimensions: 7.0" × 4.25" × 1.86". Weight: 1.8 lbs.

+5.0 V @ 12.0 A	2.00%	+12 V @ 3.0 A	2.00%	-12 V @ 1.0 A	3.00%	+12 V @ 1.0 A	3.00%	744-7050	GPC80A	120.12	114.11	744-8050	GPM80A	144.14	136.93
+5.0 V @ 12.0 A	2.00%	+12 V @ 3.0 A	2.00%	-12 V @ 1.0 A	3.00%	-5 V @ 1.0 A	3.00%	744-7055	GPC80B	138.24	131.33	744-8055	GPM80B	144.14	136.93
+5.0 V @ 12.0 A	2.00%	+24 V @ 2.0 A	2.00%	-12 V @ 1.0 A	3.00%	+12 V @ 1.0 A	3.00%	744-7065	GPC80D	120.12	114.11	744-8065	GPM80D	128.86	123.56
+5.0 V @ 12.0 A	2.00%	+24 V @ 2.0 A	2.00%	-15 V @ 1.0 A	3.00%	+15 V @ 1.0 A	3.00%	744-7070	GPC80E	120.12	114.11	744-8070	GPM80E	148.41	138.97
+5.0 V @ 12.0 A	2.00%	+24 V @ 3.5 A	2.00%	-12 V @ 1.0 A	3.00%	+12 V @ 2.0 A	3.00%	744-7230	GPC80P	167.95	157.08	744-8230	GPM80P	144.14	136.93
5.0 V @ 16.0 A	2.00%	—	—	—	—	—	—	744-7075	GPC80-5	120.12	114.11	—	—	—	—
12.0 V @ 6.7 A	2.00%	—	—	—	—	—	—	744-7080	GPC80-12	129.21	123.25	744-8080	GPM80-12	144.14	136.93
15.0 V @ 5.3 A	2.00%	—	—	—	—	—	—	744-7085	GPC80-15	120.12	114.11	—	—	144.14	136.93
24.0 V @ 3.4 A	2.00%	—	—	—	—	—	—	744-7090	GPC80-24	112.80	103.65	744-8090	GPM80-24	146.29	136.97
28.0 V @ 3.4 A	2.00%	—	—	—	—	—	—	744-7046	GPC80-28	120.12	114.11	—	—	—	—
48.0 V @ 2.3 A	2.00%	—	—	—	—	—	—	744-7096	GPC80-48	120.12	114.11	—	—	—	—

GPX130 Series. 110 watts connection 130 watts with 26 CFM fan cooling. Overall Dimensions: 8.5" × 4.5" × 2.0". Weight: 2.3 lbs.

+5.0 V @ 16.0 A	2.00%	+12 V @ 5.0 A	2.00%	-12 V @ 1.2 A	3.00%	+12 V @ 1.2 A	3.00%	744-7095	GPC130A	174.72	165.98	744-8095	GPM130A	209.66	199.17
+5.0 V @ 16.0 A	2.00%	+12 V @ 5.0 A	2.00%	-5 V @ 1.2 A	3.00%	-12 V @ 1.2 A	3.00%	744-7100	GPC130B	174.72	165.98	744-8100	GPM130B	209.66	199.17
+5.0 V @ 16.0 A	2.00%	+12 V @ 5.0 A	2.00%	-15 V @ 1.2 A	3.00%	+15 V @ 1.2 A	3.00%	744-7235	GPC130C	174.72	165.98	—	—	—	—
+5.0 V @ 16.0 A	2.00%	+24 V @ 3.5 A	2.00%	-12 V @ 1.2 A	3.00%	+12 V @ 1.2 A	3.00%	744-7105	GPC130D	174.72	165.98	—	—	—	—
+5.0 V @ 16.0 A	2.00%	+24 V @ 3.5 A	2.00%	-15 V @ 1.2 A	3.00%	+15 V @ 1.2 A	3.00%	744-7110	GPC130E	174.72	165.98	744-8110	GPM130E	209.66	199.17

GPX140 Series. 140 watts connection, 160 watts with 26 CFM fan cooling. Overall Dimensions: 8.5" × 4.5" × 2.12". Weight: 3.0 lbs.

5.0 V @ 26.0 A	2.00%	—	—	—	—	—	—	744-7115	GPC140-5	165.98	157.69	—	—	—	—
12.0 V @ 11.7 A	2.00%	—	—	—	—	—	—	744-7120	GPC140-12	168.47	160.04	744-8120	GPM140-12	191.10	181.55
15.0 V @ 9.3 A	2.00%	—	—	—	—	—	—	744-7125	GPC140-15	168.47	160.04	744-8125	GPM140-15	191.10	181.55
24.0 V @ 6.0 A	2.00%	—	—	—	—	—	—	744-7130	GPC140-24	191.26	179.94	744-8130	GPM140-24	191.10	181.55
28.0 V @ 5.7 A	2.00%	—	—	—	—	—	—	744-7103	GPC140-28	168.47	160.04	744-8103	GPM140-28	191.10	181.55

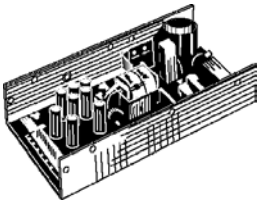
GPX200 Series*. 200 watts. Overall Dimensions: 9.0" × 5.0" × 2.5". Weight: 3.9 lbs.

+5.0 V @ 26.0 A	2.00%	+12 V @ 8.0 A	2.00%	-12 V @ 1.2 A	3.00%	12 V @ 4.0 A	3.00%	744-7135	GPC200A*†	251.16	238.60	744-8135	GPM200A*†	301.39	286.31
+5.0 V @ 26.0 A	2.00%	+24 V @ 5.0 A	2.00%	-12 V @ 1.2 A	3.00%	12 V @ 4.0 A	3.00%	744-7145	GPC200D*†	251.16	238.60	—	—	—	—

GPX225 Series*. 225 watts. Overall Dimensions: 9.0" × 5.0" × 2.5". Weight: 3.3 lbs.

5.0 V @ 40.0 A	2.00%	—	—	—	—	—	—	744-7240	GPC225-5*	238.06	226.15	—	—	—	—
12.0 V @ 19.0 A	2.00%	—	—	—	—	—	—	744-7245	GPC225-12*	241.61	229.53	744-8245	GPM225-12*	275.18	261.42
15.0 V @ 15.0 A	2.00%	—	—	—	—	—	—	744-7250	GPC225-15*	238.06	226.15	—	—	—	—
24.0 V @ 9.4 A	2.00%	—	—	—	—	—	—	744-7255	GPC225-24*	259.33	242.53	744-8255	GPM225-24*	275.18	261.42
28.0 V @ 8.0 A	2.00%	—	—	—	—	—	—	744-7260	GPC225-28*	255.16	242.53	—	—	—	—

*26 CFM forced air cooling required. †5, 12 or 15 V; consult factory. For optional enclosure information, consult factory.



General Specifications (Continued)

Voltage Adjust: Main output adjustable ±5% minimum.

Overload Protect: Factory set to begin power limiting at 115%.

EMI Compliance: All models include built-in EMI filtering to meet or exceed the conducted emissions requirements of FCC 20870 Class B to 30 MHz and CISPR 11/22 Class B.

Leakage Current: Medical, for patient care equipment (UL2601), 120 VAC @ 60 Hz input, FCC and CISPR 11 Class B for EMI. GPC40-130 is 35 µA and GPM140-225 is 60 µA.

Safety: All models are approved to CSA22.2 No. 234 Level 3, IEC950, EN60950 and VDE0805. All medical models are approved to UL544, UL2601, IEC601-1, CSA 23413 and VDE 0750.

Output Noise: 1.5% RMS, 1% Pk-Pk, 20 MHz, bandwidth, differential mode.

Warranty: 2 years.