

7-28 W, Industry's Smallest, Global Switchers

General Specifications

Input Current: Maximum input current at minimum 120 VAC, 60 Hz with full rated output load is 0.6 A.

Output Regulation: Regulation from initial setpoint measured by changing load from 5% load to 50% load or 50% load to full load in either direction. Initial setpoint tolerance is measured at 50% load. A minimum load of 5% of the output current is required to maintain proper regulation.

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

Inrush Current: Inrush is limited by internal thermistor.

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

Safety: GSC models are in conformity with the applicable requirements of EN60950 following the provisions of the Low Voltage Directive 73/23/EEC. All GSC models are approved to UL1950, CSA22.2 No. 234 Level 3, IEC950, EN60950 and VDE 0805.

General Specifications (Continued)

Earth Leakage Current: Leakage current measured in the ground wire connection when measured per UL2601.

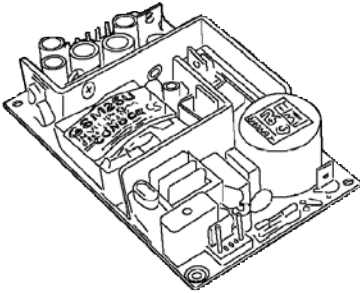
Input Protection: Internal AC fuse provided on all units.

Hold-up Time: 15 ms minimum from loss of AC .

Output Noise: 0.5% RMS, 1% pk-pk, 20 MHz bandwidth, differential mode. Measured with scope probe directly across output terminals of the power supply with load terminated with 0.1 µF capacitor.

EMI Compliance: All models include built-in EMI filtering to meet FCC Class B, CISPR 11/22 Class B.

More Detailed Specifications: See Condor web site at www.condorpower.com or call your local Allied sales representative at 1-800-433-5700.



7 W, World's Smallest. Overall Dimensions: 2.28" × 2.00" × 0.563". Weight: 2.0 oz.

Features

- World's Smallest Medically Approved 7 W Supply
- Wide Range AC Input (85-264 VAC)

Features (Continued)

- Approved to UL2601, IEC601-1, CSA 22.2 No. 601.1
- EMI to CISPR11 Class B

Features (Continued)

- Ideal for Ultra Compact Applications

Stock No.	Mfr.'s Type	Output Volts (V)	Output Amps (A)	Load Regulation (%)	Set Tol. (%)	OVP Setpoint (V)	Ripple and Noise (%)	EACH		
								1-4	5-24	25-49
744-0605	GSM7-5	5.0	1.40	0.75	2.5	6.2 ±0.6	1.4	32.54	31.49	29.40
744-0600	GSM7-12	12.0	0.58	0.75	2.5	14.0 ±1.1	1.0	32.54	31.49	29.40
744-0610	GSM7-15	15.0	0.47	0.75	2.5	18.5 ±1.5	1.0	30.68	29.15	27.62
744-0615	GSM7-24	24.0	0.29	0.75	2.5	28.0 ±2.5	1.0	30.68	29.15	27.62
744-0620	GSM7-28	28.0	0.25	0.75	2.5	34.0 ±2.8	1.0	30.68	29.15	27.62

20 W, World's Smallest. Overall Dimensions: 3.50" × 2.00" × 0.850". Weight: 4.0 oz.

Features

- No Bigger Than a Business Card
- 90-264 VAC Input
- EMI FCC Class B, CISPR22B

Features (Continued)

- Standard Overvoltage Protection
- Fixed-Frequency Operation
- Full Burn-In

Features (Continued)

- Approved to UL 1950, IEC950, CSA 22.2 No. 234 Level 3 and EN60950
- 2-Year Warranty

744-0072	GSC20-5	5.1	3.80	1.00	2.5	—	1.4	53.55	51.45	48.30
744-0082	GSC20-12	12.0	1.70	1.00	2.5	—	1.0	53.55	51.45	48.30
744-0092	GSC20-15	15.0	1.40	1.00	2.5	—	1.0	50.40	47.88	45.36
744-0102	GSC20-24	24.0	0.85	1.00	2.5	—	1.0	55.42	52.16	49.99
744-0112	GSC20-28	28.0	0.70	1.00	2.5	—	1.0	50.40	47.88	45.36

25 W, World's Smallest. Overall Dimensions: GSC — 4.00" × 2.50" × 0.860"; GSM — 4.25" × 2.50" × 0.860" Weight: 4.5 oz.

Features

- Ultra-Small Footprint
- 90-264 VAC Input Range
- Overvoltage Protection Standard
- Outputs Protected Against Overload

Features (Continued)

- Enclosures Available
- Exceeds FCC, CISPR22 Class B (Commercial) and CISPR11 Class B (Medical) Conducted Emissions Requirements

Features (Continued)

- GSC Models Approved to UL1950, CSA22.2-234 level 3, EN60950
- GSM Models Approved to UL2601-1, CSA22.2 No. 601.1, EN60601-1

Stock No.	Mfr.'s Type	Output 1		Output 2		Output 3		EACH		
		Volts (V)	Amps (A)	Volts (V)	Amps (A)	Volts (V)	Amps (A)	1-4	5-24	25-49
744-2600	GSC25A	+5.1	2.5	+12	1.5	-12	0.2	56.70	54.60	51.45
744-2605	GSC25B	+5.1	2.5	+15	1.5	-15	0.2	53.55	50.87	48.20
744-2610	GSC25D	+5.1	2.5	+24	1.0	-12	0.2	53.55	50.87	48.20
744-2615	GSM25A	+5.1	2.5	+12	1.5	-12	0.2	63.75	60.57	57.38
744-2620	GSM25B	+5.1	2.5	+15	1.5	-15	0.2	63.75	60.57	57.38
744-2625	GSM25D	+5.1	2.5	+24	1.0	-12	0.2	63.75	60.57	57.38

28 W, Medical, World's Smallest. Overall Dimensions: 4.00" × 2.59" × 0.920". Weight: 5.0 oz.

Features

- Extremely Small Footprint
- Wide Range AC Input 85-264 VAC
- EMI Approved to FCC and CISPR 11 Class B

Features (Continued)

- Less than 25 µA Leakage Current
- Overvoltage Protection Standard
- Full Burn-In

Features (Continued)

- Approved to IEC601-1 and UL2601, CSA 601.1
- 2-Year Warranty

Stock No.	Mfr.'s Type	Output Volts (V)	Output Amps (A)	Load Regulation (%)	Set Tol. (%)	OVP Setpoint (V)	Ripple and Noise (%)	EACH		
								1-4	5-24	25-49
744-0185	GSM28-5	5.1	5.50	0.75	2.5	6.2 ±0.6	1.4	54.60	51.87	49.14
744-0190	GSM28-12	12.0	2.30	0.75	2.5	14.0 ±1.1	1.0	57.75	55.65	52.51
744-0195	GSM28-15	15.0	1.90	0.75	2.5	18.5 ±1.5	1.0	54.60	51.87	49.14
744-0300	GSM28-24	24.0	1.20	0.75	2.5	28.0 ±2.5	1.0	57.75	55.65	49.35
744-0305	GSM28-28	28.0	1.00	0.75	2.5	34.0 ±2.8	1.0	54.60	51.87	49.14