

## LINEAR POWER SUPPLIES

### Specifications:

- AC Input: 100, 120 and 240VAC: +10%, -13%; 215VAC: +12%, -11 %; 47 to 63Hz
- Tolerance for 230VAC operation is +15%, -10% Derate output current 10% for 50Hz operation
- Line Regulation: ±0.05% for a 10% change
- Load Regulation: ± 0.05% for a 50% load change
- Temperature Rating: 0 to 50°C full rated, derated linearly to 40% at 70°C
- Efficiency: 5V units: 45%; 12 and 15V units: 55%; 20 and 24V units: 60%
- G suffix models are RoHS Compliant

### Features:

- World-wide AC input ranges and safety standards
- Burn-in with cycling; 3-year warranty
- Transformer insulation meets Class F (155°C)
- Exceed FCC and CISPR22 Class B conducted emissions
- Approved to UL 1950, CSA 22.2 No. 234 Level 3, and IEC 950



\* Requires fan cooling

### Single Output

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Condor Part No.	Output		Dimensions: in.	Price Each	
		Voltage	Amps		1	10
675-HA5-1.50VA-G	HA5-1.5/OV-A+G	5	1.5	4.88x4.00x1.63	46.98	43.36
675-HB5-30VA-G	HB5-3/OV-A+G	5	3	4.88x4.00x1.63	47.85	45.20
675-HC5-60VA-G	HC5-6/OV-A+G	5	6	5.63x4.88x2.50	81.29	76.58
675-HD5-120VA-G	HD5-12/OV-A+G	5	12	4.88x9.00x2.75	108.84	106.61
675-HB12-1.7A-G	HB12-1.7-A+G	12	1.7	4.88x4.00x1.63	43.95	42.76
675-HC12-3.4A-G	HC12-3.4-A+G	12	3.4	5.63x4.88x2.50	73.66	68.55
675-HD12-6.8A-G	HD12-6.8-A+G	12	6.8	4.88x9.00x2.75	118.82	110.57
675-HA15-0.9A-G	HA15-0.9-A+G	15	0.9	4.88x4.00x1.63	41.24	38.04
675-HB15-1.5A-G	HB15-1.5-A+G	15	1.5	4.88x4.00x1.63	54.29	50.11
675-HC15-3A-G	HC15-3-A+G	15	3	5.63x4.88x2.50	73.66	68.55
675-HD15-6A-G	HD15-6-A+G	15	6	4.88x9.00x2.75	115.09	111.68
* 675-F15-15A-G	F15-15-A+G	15	15	4.88x16.75x3.50	245.10	238.25
675-HB24-1.2A-G	HB24-1.2-A+G	24	1.2	4.88x4.00x1.63	45.20	41.10
675-HC24-2.4A-G	HC24-2.4-A+G	24	2.4	5.63x4.88x2.50	76.54	70.83
675-HD24-4.8A-G	HD24-4.8-A+G	24	4.8	4.88x9.00x2.75	131.34	121.24
* 675-HE24-7.2A-G	HE24-7.2-A+G	24	7.2	4.88x14.00x2.75	147.27	143.45
* 675-F24-12A-G	F24-12-A+G	24	12	4.88x16.75x3.50	245.00	238.25
675-HB28-1A-G	HB28-1.0-A+G	28	1	4.88x4.00x1.63	43.97	42.93
675-HN28-3A-G	HN28-3-A+G	28	3	4.88x7.00x2.75	102.84	96.88
675-HE28-6A-G	HE28-6-A+G	28	6	4.88x14.00x2.75	147.27	143.45
* 675-HB48-0.5A-G	HB48-0.5-A+G	48	0.5	4.88x4.00x1.63	52.61	48.95
675-HD48-3A-G	HD48-3-A+G	48	3	4.88x9.00x2.75	124.14	119.71
<b>Medical</b>						
675-MC24-2.4A	MC24-2.4-A	24	2.4	5.63x4.88x2.50	108.88	100.51

### Dual Output

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Condor Part No.	Output		Dimensions: in.	Price Each	
		Voltage	Amps		1	10
675-HAA5-1.50VA-G	HAA5-1.5/OV-A+G	5	1.5	6.50x4.00x1.80	73.66	68.55
675-HBB5-30VA-G	HBB5-3-OV-A+G	5	3	7.00x4.88x2.50	96.24	89.56
675-HBB512A-G	HBB512-A+G	5	3	7.00x4.88x2.50	86.12	83.04
675-HCC512A-G	HCC512-A+G	9-15	1.2	4.88x9.38x2.75	141.91	137.91
		5	6			
675-HAD12-0.4A-G	HAD12-0.4-A+G	+12	0.4	4.88x4.00x1.63	53.32	52.02
		-12	0.4			
675-HAD15-0.4A-G	HAD15-0.4-A+G	+15	0.4	4.88x4.00x1.63	53.32	52.02
		-15	0.4			
675-HAA15-0.8A-G	HAA15-0.8-A+G	+12~15	1/8	6.50x4.00x1.80	64.06	60.35
		-12~15	1/8			
675-HBB15-1.5A-G	HBB15-1.5-A+G	+12~15	1.7/1.5	7.00x4.88x2.50	82.69	76.95
		-12~15	1.7/1.5			
675-HCC15-3A-G	HCC15-3-A+G	+12~15	3.4/3	4.88x9.38x2.75	113.90	111.45
		-12~15	3.4/3			
* 675-HDD15-5A-G	HDD15-5-A+G	+12~15	5	4.88x14.00x2.75	172.68	168.20
		-12~15	5			
675-HAA24-0.6A-G	HAA24-0.6-A+G	+18~24	4/0.6	6.50x4.00x1.80	67.17	63.40
		-18~24	4/0.6			

### Triple Output

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Condor Part No.	Output		Dimensions: in.	Price Each	
		Voltage	Amps		1	10
675-HTAA-16WA-G	HTAA-16W-A+G	5	2	6.50x4.00x1.80	75.27	71.18
		+12~15	4/4			
		-12~15	4/4			
675-HBAA-40WA-G	HBAA40W-A+G	5	3	4.00x10.25x2.50	98.44	96.47
		+12~15	1/8			
		-12~15	1/8			

## DUAL OUTPUT OVERVOLTAGE PROTECTION

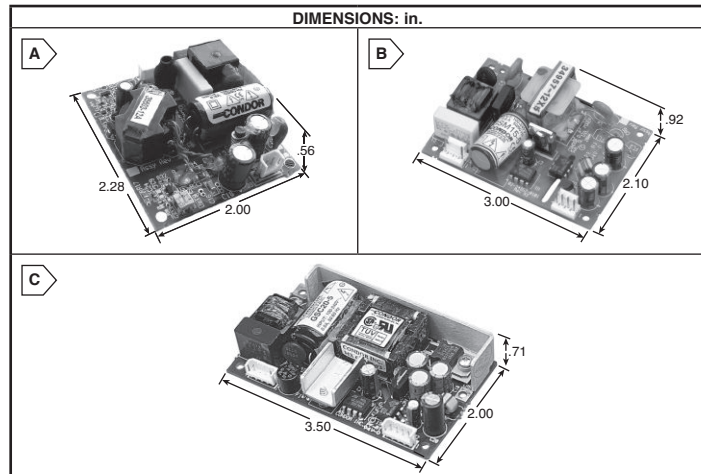
### Features:

- Adjustable from 6.2V to 33VDC
- Mounts directly on power supply chassis
- One OVP module is required for both single and dual output power supplies
- Protects up to a maximum continuous current of 8A and up to 12A intermittent current
- For use on 12V to 28V and ±12V and 15V models



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Condor Part No.	Description	Price Each	
			1	10
675-OV12-G	OV12-G	Overvoltage protection module	29.60	28.86



## GSM11 SERIES, 11W SINGLE OUTPUT MEDICAL SWITCHERS

### Features and Specifications:

- AC Input: 85-264Vmax (100-240Vnom) VAC, 45-65Hz
- Overvoltage and short circuit protection
- Safety Approvals: UL/EN/IEC 60601-1 CSA22.2 No.601 and UL/EN/IEC 60950-1 CSA22.2 No. 60950-1
- Efficiency: 67-77%
- Noise P-P: 1%
- Total Regulation: 2%



### Mating Connectors: (Mouser Part No.)

	Housing	Contacts
Input	538-50-37-5033 (qty 1)	538-08-70-1040 (qty 2)
Output	538-50-37-5023 (qty 1)	538-08-70-1040 (qty 2)



MOUSER STOCK NO.	Mfr. Part No.	Fig	Output Voltage	Output Current (Max.)	Ripple	Price Each	
						1	10
675—GSM11-5AAG		A	5.1V	2.2A	50mV	34.50	33.20
675—GSM11-12AAG		A	12V	0.92A	120mV	34.83	33.48

## GSM15 SERIES, 15W SINGLE OUTPUT MEDICAL SWITCHERS

### Features and Specifications:

- AC Input: 90-264VAC, 47-63Hz single phase
- Overload Protection: Fully protected against short circuit and output overload
- Overvoltage protection standard
- Noise P-P: 2.5%
- No minimum load
- Total Regulation: 2%
- Medical approvals to UL2601-1, IEC60601-1, CSA-C22.2 No. 601-1, EN60601-1
- Mating connectors: AMP MTA-100 Receptacle (4 position)
- Leakage Current: 75µA 132VAC@60Hz, 128µA 264VAC @ 50Hz



675—GSM15-12-G	675—GSM15-24-G	Fig	Output Voltage	Output Current (Max.)	Ripple	Price Each	
						1	10
		B	12V	1.25A	16V	49.15	45.36
		B	24V	0.625A	32V	49.15	45.36

## GSC20 SERIES, 20W COMMERCIAL SWITCHERS

### Specifications:

- AC Input: 90-264VAC, 47-63Hz single phase
- Efficiency: 70% minimum
- Safety approved to UL 1950, IEC 95, and CSA 22.2 No. 234 Level 3

### Features:

- Industry's smallest 20W switcher
- Business-card size (2.0" x 3.5" x 0.71")
- EMI FCC Class B, CISPR22B
- Leakage Current: 200µA, 132VAC/60Hz



### Mating Connectors: (Mouser Part No.)

	Housing	Contact
Input	538-50-37-5043 (qty 1)	538-08-70-1040 (qty 4)
Output	538-50-37-5043 (qty 1)	538-08-70-1040 (qty 4)



MOUSER STOCK NO.	Mfr. Part No.	Fig	Output (V)	Output (A)	Initial Setpoint Tolerance	OVP Setpoint (V)	Ripple/ Noise	Price Each	
								1	10
675—GSC20-12-G		C	12V	1.7A	2.50%	15.6±1.1	1%	57.24	56.00
675—GSC20-24-G		C	24V	0.85A	2.50%	28±2.5	1%	55.04	53.85