

CONDOR Global Performance Switchers



RoHS Compliant This product is RoHS compliant.

GPC55 AND GPM55 SERIES, 55W COMMERCIAL AND MEDICAL SWITCHERS

Commercial Features:

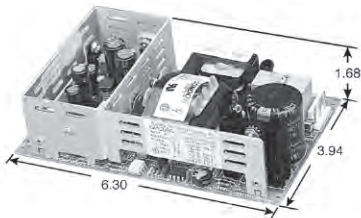
- Wide-range AC input 85-264VAC
- Exceeds FCC and CISPR22 Class B conducted emissions requirements
- Leakage current: 0.7mA 254VAC @ 60Hz input
- Safety approved to UL 1950, CSA a No. 234 Level 3, IEC 950, EN60950
- Environmental: Designed for 0 to 50°C operation at full rated output power

Specifications:

- AC Input: 85-264VAC, 47-63Hz single phase
- Input Current: Maximum input current at 120VAC, 60Hz with full rated output load: 1.7A
- Efficiency: 70% at full rated load, nominal input voltage, depending on model and load distribution
- Two year warranty

Medical Features:

- EMI to FCC, CISPR11 Class B/IEC601-1
- Efficiency: 65% at full rated load, nominal input voltage, depending on model and load distribution
- Leakage current: 35µA, 254VAC @ 60Hz input
- Safety approved to UL 2601, CSA 22.2 No. 601 Level 3, IEC 601



DIMENSIONS: in.

Mating Connectors:

	Housing	Contact
Input	571-6402505 (qty 1)	571-7705221 (qty 3)
Output	571-6402509 (qty 1)	571-7705221 (qty 9)

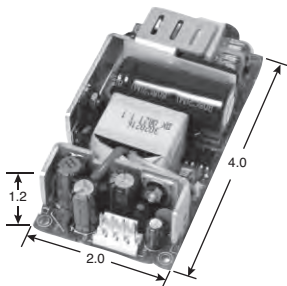
For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Output (V)	Load (A)		Output Peak	Noise P-P	Total Regulation	Price Each	
Mfr.	Mfr. Part No.		Min.	Max.				1	10
Multiple Output									
675—GPC55B-G	1	+5V	0.7A	6A	8A	50mV	2%	103.10	99.89
	2	+12V	0A	3A	5A	120mV	2%		
	3	-5V	0A	1A	1.2A	50mV	3%		
	4	-12V	0A	1A	1.2A	120mV	3%		
675—GPC55D-G	1	+5V	0.7A	6A	8A	50mV	2%	107.21	103.83
	2	+24V	0A	1.5A	2A	240mV	2%		
	3	+12V	0A	1A	1.2A	120mV	3%		
	4	-12V	0A	1A	1.2A	120mV	3%		
675—GPC55E-G	1	+5V	0.7A	6A	8A	50mV	2%	104.07	98.86
	2	+24V	0A	1.5A	2A	120mV	2%		
	3	+15V	0A	1A	1.2A	150mV	3%		
	4	-15V	0A	1A	1.2A	150mV	3%		
675—GPM55B-G	1	+5V	0.7A	6A	8A	50mV	2%	116.47	110.48
	2	+12V	0A	3A	5A	120mV	2%		
	3	-5V	0A	1A	1.2A	50mV	3%		
	4	-12V	0A	1A	1.2A	120mV	3%		
675—GPM55E-G	1	+5V	0.7A	6A	8A	50mV	2%	112.67	107.03
	2	+24V	0A	1.5A	2A	120mV	2%		
	3	+15V	0A	1A	1.2A	150mV	3%		
	4	-15V	0A	1A	1.2A	150mV	3%		

MINT1065 SERIES, 65W SINGLE OUTPUT POWER SUPPLY

Features:

- 65W convection cooled AC-DC Power Supply
- 12V - 48V
- Compact Size: 2" x 4" x 1.2"
- Up to 90% High Efficiency
- Class I Input - Single Output
- Meets Energy Star Level IV
- EN60601-1 Medical Approval
- Universal 90-264VAC
- Optional chassis/cover available



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Output (V)	Output Current	Total Regulation	OVP Limit	Price Each	
Mfr.	Mfr. Part No.					1	10
675—	MINT1065A1275C01	12V	5.25A	2%	15± 1.5V	30.72	28.81
675—	MINT1065A1575C01	15V	4.33A	2%	18± 1.5V	30.72	28.81
675—	MINT1065A1875C01	18V	3.50A	2%	21± 2V	30.72	28.81
675—	MINT1065A2475C01	24V	2.70A	2%	27± 2V	30.72	28.81
675—	MINT1065A4875C01	48V	1.35A	2%	55± 4V	30.72	28.81

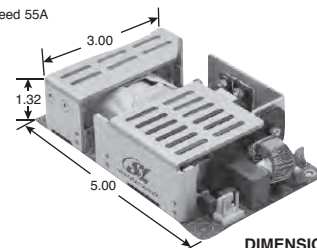
MINT1180 SERIES, 180W SINGLE OUTPUT MEDICAL POWER SUPPLY

Specifications:

- Universal Input 90-264VAC, 47-63Hz
- Inrush Current: 264VAC, cold start: will not exceed 55A
- Efficiency: 92% Typ.
- Minimum Load: 0A

Features:

- 3x5x1.2 Package
- Up to 250W of AC-DC Power
- Class I or Class II Input Versions
- Fits 1U Applications
- Optional Chassis/Cover
- 5 year warranty



DIMENSIONS: in.



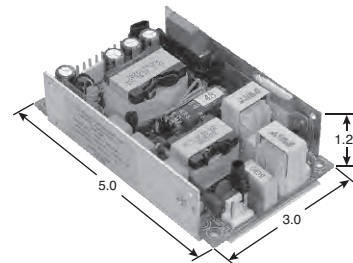
For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Output Voltage	Output Current w/ airflow(1)	Convection	Total Regulation	OVP Threshold	Price Each	
Mfr.	Mfr. Part No.						1	10
675—	MINT1180A1275K01	12V	20.8A	15.0A	±3%	14.5±1.1V	114.00	101.02
675—	MINT1180A2475K01	24V	10.4A	7.5A	±3%	29.0±2.0V	114.00	101.02

MINT1110A SERIES, 110W SINGLE OUTPUT SERIES MEDICAL - UNIVERSAL INPUT POWER SUPPLY

Features:

- 110W Convection cooled AC-DC Power Supply
- Universal Input 90-264VAC
- Dimensions: 3" x 5" x 1.27"
- Efficiency: 87% typ
- Rugged EMC Compliant design
- Approved to EN/IEC/UL60601-1 for medical
- Chassis and cover optional



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Output (V)	Output Current	Load (A)		OVP Limit	Price Each	
Mfr.	Mfr. Part No.			Max†	Max‡		1	10
675—	MINT1110A1208K01	12V	7.5A	120mV	±2%	15.0±1V	52.00	48.87
675—	MINT1110A1508K01	15V	6.5A	150mV	±2%	18.0±1V	52.00	48.87
675—	MINT1110A1808K01	18V	5.8A	180mV	±2%	23.0±1V	52.00	48.87
675—	MINT1110A2408K01	24V	4.6A	240mV	±2%	28.0±1V	52.00	48.87

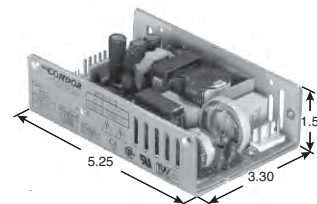
GPFM115 SERIES, 115W MEDICAL SWITCHERS WITH POWER FACTOR CORRECTION

Features:

- 115 Watts of continuous power with forced air
- Power factor corrected
- 74-81% efficiency
- Small package 3.3" x 5.25" x 1.5"
- Power fail warning, remote sense
- Optional cover with cooling fan

Specifications:

- AC Input: 85-264VAC, 47-63Hz single phase
- Remote Sense: Provided as a standard feature on all models
- Overload Protection: Fully protected against short circuit and output overload
- Overvoltage Protection: Built in on all models
- Leakage Current: 90µA normal conditions
- Safety approved to UL 1950, CSA 22.2 No. 234 Level 3, IEC 950, EN 60950



DIMENSIONS: in.

Mating Connectors:

	Housing	Contact
Input	571-6402505 (qty 1)	571-7705221 (qty 3)
Signals	571-6406214 (qty 1)	N/A
Fan	571-6406212 (qty 1)	N/A
Output	571-6402508 (qty 1)	571-7705221 (qty 8)



† Unrestricted natural convection cooling
‡ 26CFM forced air cooling

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Output (V)	Load (A)		Output Peak (A)	Noise P-P (V)	Total Regulation	Price Each	
Mfr.	Mfr. Part No.		Max†	Max‡				1	10
675—	GPFM115-12-G	12	6.7	9.6	10.8	14±1.1	2%	135.26	127.62
675—	GPFM115-24-G	24	3.3	4.8	5.4	28±2.5	2%	123.95	118.94