

# CONDOR Global Performance Switchers



RoHS Compliant This product is RoHS compliant.

## MINT110A SERIES, 110W SINGLE OUTPUT SERIES MEDICAL - UNIVERSAL INPUT POWER SUPPLIES

### Features:

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

† Unrestricted natural convection cooling ‡ 26CFM forced air cooling

For quantities greater than listed, call for quote.

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

## CINT1175 & MINT1175 SERIES, 175W SINGLE OUTPUT POWER SUPPLIES



### Specifications:

- For 1U Applications and Class I or Class II construction
- 175W w/air, 120W convection cooled
- Universal Input 90-264 VAC
- Average Efficiency meets Level V Requirements
- Approved to CSA/EN/IEC/UL60601-1,3rd Edition 2 MOPP
- 12V fan output
- Efficiency 90% typical at Full Load
- CE Compliant (LVD, RoHS)
- International Safety Agency Approvals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Output Voltage	Output Current		Total Regulation	OVP Threshold	Price Each			
Mfr.	Mfr. Part No.			Convection	LFM			1	10	25	50
675	CINT1175A1206K01	B	12V	11.7A	14.6A	±3%	14.0 ± 1.1V	104.00	97.50	91.00	84.50
675	CINT1175A1506K01	B	15V	9.3A	11.7A	±3%	18.5 ± 1.5V	104.00	97.50	91.00	84.50
675	CINT1175A2406K01	B	24V	5.8A	7.3A	±3%	28.0 ± 2.5V	104.00	97.50	91.00	84.50
675	CINT1175A4806K01	B	48V	2.9A	3.6A	±3%	55.0 ± 4.0V	104.00	97.50	91.00	84.50
675	CINT1175A5606K01	B	56V	2.5A	3.1A	±3%	59.0 ± 1.0V	104.00	97.50	91.00	84.50

### Medical

675	MINT1175A1206K01	B	12V	11.7A	14.6A	±3%	14.0 ± 1.1V	109.00	103.00	97.50	94.75
675	MINT1175A1506K01	B	15V	9.3A	11.7A	±3%	18.5 ± 1.5V	109.00	103.00	97.50	94.75
675	MINT1175A2406K01	B	24V	5.8A	7.3A	±3%	28.0 ± 2.5V	109.00	103.00	97.50	94.75
675	MINT1175A4806K01	B	48V	2.9A	3.6A	±3%	55.0 ± 4.0V	109.00	103.00	97.50	94.75
675	MINT1175A5606K01	B	56V	2.5A	3.1A	±3%	59.0 ± 1.0V	109.00	103.00	97.50	94.75

## CINT1200 SERIES, 200W SINGLE OUTPUT ITE POWER SUPPLIES



### Specifications:

- AC Input: 90-264VAC ±10%, 47-63 Hz single phase
- Overload Protection
- Input Current: 115VAC: 1.8A, 230VAC: 0.9A
- Efficiency up to 90%

675	CINT1200A1275K01	C	12V	15.00A	16.66A	±3%	14.0 ± 1.1V	91.52	85.80	80.08	77.22
675	CINT1200A2475K01	C	24V	7.50A	8.33A	±3%	29.0 ± 2.5V	91.52	85.80	80.08	77.22
675	CINT1200A4875K01	C	48V	3.75A	4.17A	±3%	56.0 ± 3.0V	91.52	85.80	80.08	77.22

## MINT1275 SERIES, 275W SINGLE MEDICAL POWER SUPPLIES



### Specifications:

- Up to 275W of AC-DC Power
- Universal Input 90-264 Vac
- Class I Input (Optional Class II)
- Approved to IEC60601-1 3rd Edition
- Efficiency 92% typical
- Optional Chassis/Cover
- CE marked
- Medical Safety Standards: EN/CSA/UL/IEC 60601-1, 3rd Edition Type B

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Output Voltage	Output Current		Total Regulation	Max Ripple /Noise	OVP Threshold	Price Each	
Mfr.	Mfr. Part No.			Airflow	Convection				1	10
675	MINT1275A1214K01	D	12V	21.83A	15.0A	±3%	120	14.0 ± 1.1V	168.00	157.50
675	MINT1275A2414K01	D	24V	10.92A	7.5A	±3%	240	28.0 ± 2.5V	168.00	157.50
675	MINT1275A4814K01	D	48V	5.46A	3.75A	±3%	480	55.0 ± 4.0V	168.00	157.50

## GPFC250 SERIES, 250W COMMERCIAL SWITCHERS WITH POWER FACTOR CORRECTION

### Specifications:

- AC Input: 85-264VAC, 47-63Hz single phase
- Input Current: Maximum input current 2.3A at 90VAC, 60Hz with full load Input current harmonic content meets the requirements of IEC1000-3-2
- Overload Protection
- Leakage Current: 70µA under normal conditions (132Vac @ 60Hz)

### Features:

- Power factor corrected to IEC1000-3-2; Class A
- Less than 300µA leakage
- EMI compliance to CISPR22, FCC Class B
- Two year warranty

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Output Voltage	Load Max.†	Output Peak‡	OVP Setpoint	Ripple/ Noise	Price Each	
Mfr.	Mfr. Part No.							1	10
675	GPFC250-24-G	E	24V	7.5A	10.5A	28±2.5V	2%	268.64	263.23
675	GPFC250-28-G	E	28V	6.5A	9A	34±2.8V	2%	275.09	261.32

## MINT2270 SERIES, MEDICAL 270W DUAL OUTPUT SERIES

### Features:

- Up To 90% Efficiency Typical
- Natural Interleaving Technology for PFC
- LLC Technology for DC Converter
- Remote ON/OFF by PS-ON Signal
- Remote ON/OFF by PS-ON Signal
- DC-OK, AC-OK Signal Active
- Medical Approval - EN60601-1

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Output	Output Current	Total Reg.	OCP Limit	OVP Limit	Ripple/ Noise	Price Each	
Mfr.	Mfr. Part No.								1	10
675	MINT2270A1976E01	F	1 5V 2 24V	0.2A 11.25A	5% 2%	1.5A 15.5A	7.0V 30V	1% 1%	109.23	106.07

## GNT400 SERIES, 400W FRONT END SWITCHERS

### Features:

- 100-240VAC input with active PFC
- 300W convection rating
- Less than 100mA rating
- Compliance to EN55011/22 Conducted Noise B
- Additional styles with mounted fans available - contact a Mouser Service Representative

† Unrestricted natural convection cooling ‡ 26CFM forced air cooling

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Output Voltage	Max. Load †	Max. Load ‡	Total Regulation	Price Each	
Mfr.	Mfr. Part No.						1	10
675	GNT412ABG	G	12V	33.3A	25A	±2%	216.97	211.02
675	GNT424ABG	G	24V	16.7A	12.5A	±2%	208.63	202.91
675	GNT428ABG	G	28V	14.3A	10.7A	±2%	216.97	211.02
675	GNT448ABG	G	48V	8.4A	6.3A	±2%	208.63	202.91

## MINT1400A SERIES, MEDICAL OPEN FRAME 400W SINGLE OUTPUT POWER SUPPLIES

### Features:

- Efficiency up to 91%
- Remote ON/OFF by PS-ON Signal
- Safety approved to Medical and ITE Standards: EN/IEC/UL60601-1 and CSA 601.1 CSA/EN/IEC/UL60950-1, 2nd Edition
- Compliance to EN55011/22 Conducted Noise, class B



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Output Volt.	Output Current		Ripple/ Noise	Total Regulation	Price Each	
Mfr.	Mfr. Part No.			Fan Cooled	Convection			1	10
675	MINT1400A1210L01	H	12V	33.0A	25.0A	1%	2%	190.43	173.60
675	MINT1400A2410L01	H	24V	16.7A	12.5A	1%	2%	190.43	173.60
675	MINT1400A4810L01	H	48V	8.30A	6.30A	1%	2%	190.43	173.60

DIMENSIONS: in.

Diagram A: 5.0 x 3.0 x 1.27

Diagram B: 4.00 x 2.00 x 1.30

Diagram C: 5.00 x 3.00 x 1.30

Diagram D: 5.00 x 3.00 x 1.38

Diagram E: 5.00 x 8.00 x 1.75

Diagram F: 7.17 x 3.35 x 1.17

Diagram G: 7.00 x 3.94 x 1.58

Diagram H: 7.00 x 3.94 x 1.58

SL Power / Condor

Power Supplies