CONDOR Global Performance Switchers

SL POWER ELECTRONICS CONDOR

RoHS Compliant This product is RoHS compliant.

GSC25 SERIES, 25W COMMERCIAL SWITCHERS

Features:
- Industry's smallest 25W switcher
- EMI FCC Class B, CISPR22B
- Overvoltage protection standard
- Normal Leakage: 175µA, 132VAC @ 60Hz

Specifications:
- AC Input: 90-264VAC, 47-63Hz single phase
- Efficiency: 70% minimum
- Safety approved to UL 1950, IEC 950, and CSA 22.2 No. 234 Level 3

Mating Connectors: (Mouser Part No.)

	Housing	Contact
Input	538-09-50-8031 (qty 1)	538-08-50-0189 (qty 2)
Output	538-09-50-3061 (qty 1)	538-08-50-0189 (qty 6)

LVD Medical Versions

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Mfr. Part No.	Fig	Output Voltage		Output Current Max	Ripple/ Noise	Initial Setpoint Tolerance	OVP Setpoint	Price Each 1	Price Each 10
675—	GSC25A-G	A	1	+5.1V	2.5A	1%	1%	6.2 ± 0.6V	65.95	60.87
			2	+12V	1.5A	4%	3%			
			3	-12V	0.2A	1%	4%			
675—	GSC25B-G	A	1	+5.1V	2.5A	1%	1%	6.2 ± 0.6V	65.95	60.87
			2	+15V	1.5A	4%	3%			
			3	-15V	0.2A	1%	4%			

MINT1045 SERIES, 45W SINGLE OUTPUT MEDICAL AND ITE POWER SUPPLY

PRODUCT NEW

Specifications:
- 45W Convection coded
- Universal Input 80-270VAC, 47-440Hz
- Input Current: 0.75@120VAC, 0.45A@240VAC
- Efficiency: 88% Typ.

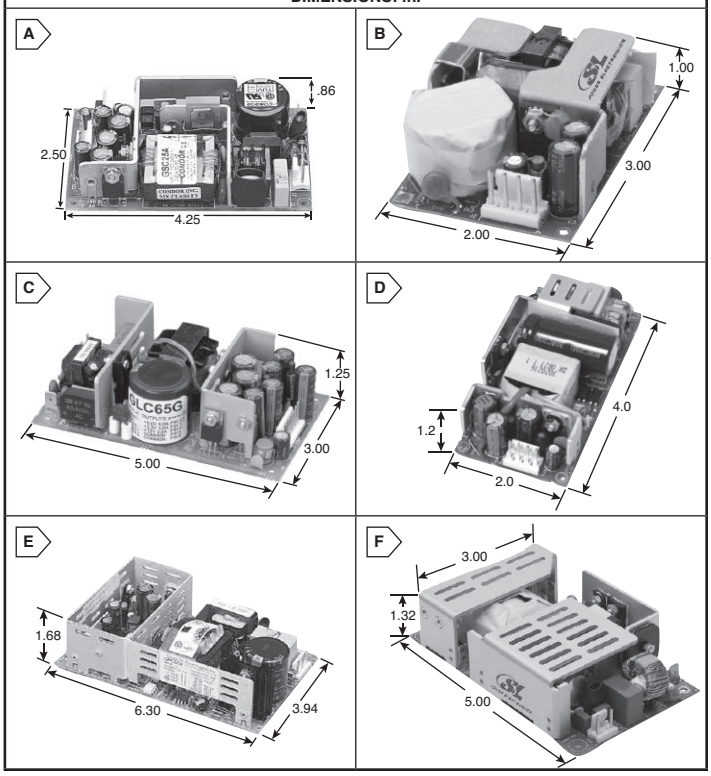
Features:
- Class I or Class II AC Input Applications
- CSA/EN/IEC/UL60601-1 3rd Edition for Medical, Type BF Capable, Ultra-low Leakage Current
- CSA/EN/IEC/UL60950-1 2nd Edition for ITE
- 3 year warranty

Standard and Medical Versions

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Mfr. Part No.	Fig.	Output Voltage	Output Current	Ripple/ Noise	Total Regulation	Price Each 1	Price Each 10
675—	MINT1045A1275K01	B	12V	3.75A	120mV	±0.5%	41.90	37.08
675—	MINT1045A1575K01	B	15V	3.00A	150mV	±0.5%	41.90	37.08
675—	MINT1045A2475K01	B	24V	1.90A	240mV	±0.5%	41.90	37.08

DIMENSIONS: in.



GLC65 AND GLM65 SERIES, 65W TRIPLE OUTPUT COMMERCIAL AND MEDICAL SWITCHERS

Specifications:
- AC Input: 90-264VAC, 47-63Hz single phase
- Efficiency: 80% typical
- Two year warranty
- Ripple/Noise: 1%
- OVP Setpoint: 6.2± 0.6V

Medical Features:
- Conducted EMI exceeds FCC Class B and CISPR 11 Class B
- Approved to UL2601-1, CSA 22.2 No. 601.1, and EN60601-1
- Leakage Current: 40µA 132Vac@60Hz

Commercial Features:
- Conducted EMI exceeds FCC Class B and CISPR 22 Class B
- Approved to UL1950, CSA-C22.2 No. 950, and EN60950
- Leakage Current: <500µA@120Vac, <1.2mA@240Vac

LVD Standard and Medical Versions

Mating Connectors: (Mouser Part No.)

	Housing	Contacts
Input	571-6402503 (qty 1)	571-7705221 (qty 3)
Output	571-6402506 (qty 1)	571-7705222 (qty 6)

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Mfr. Part No.	Fig.	Output (V)		Output Current (Max) Convection	Output Current (Max) 150 LFM	Total Regulation	Price Each 1	Price Each 10
675—	GLC65A-G	C	1	+5	7A	9A	2%	97.88	90.44
			2	+12	3A	5A	5%		
			3	-12	2.5A	4A	6%		
675—	GLC65B-G	C	1	+5.1	7A	9A	2%	88.60	87.02
			2	+15	2.5A	4A	4%		
			3	-15	2A	3A	5%		
675—	GLC65E-G	C	1	+5	7A	9A	2%	88.60	87.02
			2	+24	1.5A	2.5A	3%		
			3	+12	2.5A	4A	6%		
675—	GLM65B-G	C	1	+5.1	7A	9A	2%	97.69	92.99
			2	+15	2.5A	4A	4%		
			3	-15	2A	3A	5%		

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

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

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

Mating Connectors:

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

Standard and Medical Versions

For quantities greater than listed, call for quote.

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

MINT1065 SERIES, 65W SINGLE OUTPUT POWER SUPPLY

Features:
- 65W convection cooled AC-DC Power Supply
- 12V - 48V
- Compact Size: 2"x4"x1.2"
- 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

LVD Standard and Medical Versions

For quantities greater than listed, call for quote.

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

MINT1180 SERIES, 180W SINGLE OUTPUT MEDICAL POWER SUPPLY

PRODUCT NEW

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

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

Standard and Medical Versions

For quantities greater than listed, call for quote.

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

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