



AC/DC Power Supplies

DC/DC Converters

Standard, Modified & Custom Solutions



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LEVEL VI



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Enclosed Case

Series Name	Series Suffix	Watts	Input Voltage Range (VAC)	No. of Outputs	Output Range (VDC)	Temp. Range	Dimensions	Industry
PSHF	35W	33.6~36W	170~264	S	5, 12, 15, 24, 48	-20~70°C	3.88 x 3.23 x 1.38in	-
	100W	100~108W	85~132/170~264	S	5, 7.5, 12, 13.8, 15, 24, 48	-10~50°C	7.83 x 3.86 x 1.54in	-
	240W	200~240W	85~132/170~264	S	5, 7.5, 12, 15, 24, 30, 48	-10~50°C	7.83 x 4.33 x 1.97in	-
PSSEU	60	48.1~63W	90~264	S, D, T, M	-5, -10, -12, -15, -24, 3.3, 5, 10, 12, 15, 24, 28, 35, 36, 48, 3~5, 5~6, 6~8, 8~11, 11~13, 13~16, 16~21, 21~27, 27~33, 33~40, 40~50	0~70°C	5.43 x 3.43 x 1.76in	-
PSPFE	480	516~528W	85~264	S	12, 15, 24, 48	-20~70°C	10.94 x 5 x 1.69in	-

DIN Rail

Series Name	Series Suffix	Watts	Input Voltage Range (VAC)	No. of Outputs	Output Range (VDC)	Temp. Range	Dimensions	Industry
PSDN	-20	20.4~24W	88~264	S	12, 15, 24	-20~70°C	0.91 x 3.54 x 3.90in	-
	-40	40.5~40.8W	88~264	S	12, 15, 24, 48	-20~70°C	1.57 x 3.54 x 3.90in	-
	-100	90~96W	88~264	S	12, 15, 24, 48	-20~70°C	2.17 x 3.54 x 3.90in	-
	DV-240	240W	88~264	S	24, 48	-25~70°C	2.59 x 4.63x 4.92in	-
	-480	480W	88~264	S	24, 48	-25~70°C	3.4 x 4.86 x 4.92in	-

Open Frame

Series Name	Series Suffix	Watts	Input Voltage Range (VAC)	No. of Outputs	Output Range (VDC)	Temp. Range	Dimensions	Industry
PSH	F15W	15~15.6W	85~264	S	5, 12, 15, 24, 48	-10~50°C	3.94 x 1.82 x 0.87in	-
PSMBU	31	30W	80~275	S	5, 7, 9, 12, 15, 18, 24, 30, 36	-10~70°C	4 x 1.99 x 1.16in	
	81	70~80W	90~260	S	5, 7, 9, 12, 15, 18, 24, 30, 36	0~70°C	5 x 3.01 x 1.11in	
	123	123~125W	90~260	D	5, 12, 19, 24, 36, 48	-10~70°C	6 x 3.5 x 1.46in	
PSHBU	58	33~60W	80~275	S	5~6, 6~8, 8~11, 11~13, 13~16, 16~21, 21~27, 27~33, 33~40, 40~50, 50~55	-10~70°C	4 x 1.5 x 1.04in	
PSSNP	-Y04	45W	90~264	S, D, T	-12, 3.3, 5, 12, 15, 24, 48	0~70°C	3.98 x 2 x 1.10in	
PSEPM	1200	100~200W	90~264	S, D, T, M	-12, 5, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 34, 35, 36, 46, 47, 48, 54, 55, 56	0~50°C	5 x 3 x 1.5in	
PSIAC	450	450W	85~264	S	12, 15, 24, 28, 48, 53	-40~85°C	5 x 3 x 1.58in	

Chassis Mount

Series Name	Series Suffix	Watts	Input Voltage Range (VAC)	No. of Outputs	Output Range (VDC)	Temp. Range	Dimensions	Industry
PSAKF	-	14~15W	85~265	S, D, T	-12, -15, 5, 12, 15, 24, 48	-25~71°C	3.81 x 2.13 x 0.92in	-
PSLH	-	4~26.4W	85~305	S	3.3, 5, 9, 12, 15, 24, 48	-40~70°C	3.78 x 2.13 x 1.16/1.25in 3.90 x 2.13 x 1.16/1.25in	-
PSAJM24	-	24W	85~264	S, D	-15, -12, 5, 9, 12, 15, 24	-40~80°C	3.78 x 2.13 x 0.92in	

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PCB Mount

Series Name	Series Suffix	Watts	Input Voltage Range (VAC)	No. of Outputs	Output Range (VDC)	Temp. Range	Dimensions	Industry
PSA	ZC	2W	90~305	S	3.3, 5, 9, 12, 15, 24	-40~80°C	1.12 x 1.02 x 0.67in	-
	DF	4.62~7W	85~265	S	3.3, 5, 12, 15, 24	-25~71°C	2 x 1 x 0.76in	-
	HF	6.6~10W	85~265	S, D	-12, -15, 3.3, 5, 12, 15, 24	-25~71°C	2.52 x 1.77 x 0.75in	-
	KC	14.85~20W	90~264	S, D, T	-5, -12, -15, 3.3, 5, 7.35, 9, 12, 15, 24	-25~70°C	2.76 x 1.89 x 0.87in	-
	JC	26.4~40W	90~264	S, D, T	-5, -12, -15, 3.3, 5, 5.1, 9, 12, 15, 24	-40~70°C	3.5 x 2.5 x 0.98in	-
	QC125	125W	90~264	S	12, 15, 24, 48	-25~70°C	5.83 x 2.80 x 1.50in	-

Desktop

Series Name	Series Suffix	Watts	Input Voltage Range (VAC)	No. of Outputs	Output Range (VDC)	Temp. Range	Dimensions	Industry
DT	24	15~24W	90~264	S	5, 9, 12, 16, 18, 24, 36, 48	-20~40°C	3.07 x 1.97 x 1.38in	
DTA	-065A3	40~65W	90~264	S	5, 8, 12, 15, 19, 24, 36, 48	0~70°C	5.2 x 2.72 x 1.57in	
DTEA	1024	16~36W	100~240	S	5~8, 9~11, 12, 12~17, 18~24, 24, 36~48	0~40°C	3.86 x 1.79 x 1.23in	
	1101	80~130W	100~240	S	12~16, 19~24, 48~56	0~40°C	5.39 x 2.32 x 1.34in	
	1250	160~250W	100~240	S	12~18, 19~28, 32~42, 44~56	0~40°C	7.17 x 3.33 x 1.81in	
DTEM	1068	25~72W	100~240	S	5~9, 12~16, 18~24, 32~42, 44~56	0~40°C	4.45 x 1.93 x 1.38in	
	1300	230~310W	100~240	S	12~18, 19~28, 32~42, 44~56	0~40°C	7.78 x 4.02 x 2.01in	

Wall Mount

Series Name	Series Suffix	Watts	Input Voltage Range (VAC)	No. of Outputs	Output Range (VDC)	Temp. Range	Dimensions	Industry
WMSAW	06D	1.8~6W	90~264	S	5, 6, 9, 12, 24	10~40°C	1.52 x 0.93 x 1.65in	
	14	7.5~15W	90~264	S	5, 7.5, 9, 12, 15, 24	10~40°C	2.92 x 1.15 x 1.64in	
WMEM	1019	15~24W	100~240	S	5~8, 9~13, 14~19, 20~27, 28~35, 36~48	0~40°C	2.36 x 1.54 x 1.02in 2.62 x 1.02 x 1.79in	
	1036	15~36W	100~240	S	9~15	0~50°C	3.92 x 1.79 x 1.22in	
WMGPSU	40	25~40.6W	100~240	S	5~6, 6~8, 8~11, 11~13, 13~16, 16~21, 21~27, 27~33, 33~58	0~40°C	2.97 x 1.26~1.92 x 1.87in	
	60	30~60.32W	100~240	S	5~6, 6~8, 8~11, 11~13, 13~16, 16~21, 21~27, 27~33, 33~58	0~40°C	3.68 x 1.38 x 2.02~2.36in	

LED

Series Name	Series Suffix	Watts	Input Voltage Range (VAC)	No. of Outputs	Output Range (VDC)	Temp. Range	Dimensions	Industry
PSHL	20	20W	90~264	S	12, 24, 36, 48	-30~50°C	5.83 x 1.57 x 1.18in	
PSLSU	60	60W	90~305	S	11~13, 16~21, 21~27, 40~50, 50~58	-20~70°C	6.61 x 1.67 x 1.22in	
	85	85W	90~305	S	21~27, 27~33, 33~40, 40~50	-20~70°C	6.81 x 1.94 x 1.36in	
	120	120W	90~305	S	21~27, 27~33, 33~40, 40~50	-20~70°C	7.87~8.66 x 1.94 x 1.36in	

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Chassis Mount

Series Name	Series Suffix	Watts	Input Voltage Range (VDC)	No. of Outputs	Output Range (VDC)	Temp. Range	Dimensions	Industry
DCHF	10W	10~16.2W	10~18, 18~36, 36~72, 72~144	S, D	5, 12, 24	-20~50°C	3.94 x 2.83 x 1.22in	-
	20W	20~36.5W		S, D, T	-15, -12, 5, 12, 15, 24	-10~50°C	4.37 x 3.07 x 1.42in	-
	30W	30~41.5W		S, D, T	-15, -12, 5, 12, 24	-10~50°C	5.08 x 3.86 x 1.57in	-
	50W	50~67.5W		S, D, T	-15, -12, 5, 12, 15, 24	-10~50°C	6.30 x 3.86 x 1.54in	-
	40W	38.4~52.5W	18~36, 36~72, 72~144	S, D, T	-15, -12, 5, 12, 15, 24	-10~50°C	5.08 x 3.86 x 1.57in	-
	60W	60~62.4W		S	5, 12, 24, 48	-10~50°C	6.30 x 3.86 x 1.54in	-
	70W	70.5~72W		S	12, 15, 24, 48	-10~50°C	6.30 x 3.86 x 1.54in	-
	100W	100W		S	5, 12, 24, 48	-10~50°C	7.83 x 3.86 x 1.54in	-
	150W	148.8~151.2W		S	12, 24, 48	-20~50°C	7.83 x 3.86 x 1.97in	-
	350	330~350W		S	12, 24	-10~50°C	8.46 x 4.53 x 1.97in	-
	500	480~504W		S	12, 24	-10~50°C	8.46 x 4.53 x 1.97in	-
	300W	300~302.4W		S	12, 24, 48	-20~50°C	8.46 x 4.53 x 1.97in	-
	500W	504W	S	12, 24, 48	-20~50°C	9.84 x 6.30 x 3.43in	-	
	600W	600~624W	36~72, 72~144	S	24, 28, 48	-10~50°C	9.84 x 6.30 x 3.43in	-
	700W	696~720W		S	24, 28, 48	-10~50°C	9.84 x 6.30 x 3.43in	-
	800W	810~840W		S	24, 30, 48	-10~50°C	9.84 x 6.30 x 3.43in	-
1000W	840~1008W	S		24, 28, 48	-10~50°C	9.84 x 6.30 x 3.43in	-	
CMD	D	46.2~60W	18~36, 36~75	S	3.3, 5, 12, 15	-40~50°C	4 x 2.25 x 0.81in	-
	B	12~40W	9~18, 18~36, 36~75	S	1.5, 1.8, 2.5, 3.3, 5, 12, 15	-40~85°C	4 x 2.25 x 0.81in	-
	M	13.2~15W		S	3.3, 5, 12, 15	-40~85°C	4 x 2.25 x 0.81in	-
	BW	33~40W	9~36, 18~75	S	3.3, 5, 12, 15	-40~105°C	4 x 2.25 x 0.81in	-
	MW	9.9~15.3W		S	3.3, 5, 5.1, 12, 15	-40~60°C	4 x 2.25 x 0.81in	-

Surface Mount

Series Name	Series Suffix	Watts	Input Voltage Range (VDC)	No. of Outputs	Output Range (VDC)	Temp. Range	Dimensions	Industry
DC	-	8~20W	36~75	S	2, 3.3, 5, 12, 15	-40~85°C	1.95 x 1.19 x 0.38in	-
DCMSAU	1	1W	4.5~5.5, 10.8~13.2, 21.6~26.4	S, D	±5, ±12, ±15, 5, 12, 15	-40~85°C	0.60 x 0.31 x 0.27in	-
	2	2W		S, D	±5, ±12, ±15, 5, 12	-40~85°C	0.50~0.60 x 0.37 x 0.34in	-
RG	W2	1.65~2W	4.5~9, 9~18, 18~36, 36~75	S, D	±5, ±12, ±15, 3.3, 5, 9, 12, 15	-40~85°C	0.74 x 0.50 x 0.33in	
	W3	2.3~3W		S, D	±5, ±12, ±15, 3.3, 5, 9, 12, 15	-40~71°C	0.74 x 0.50 x 0.33in	
	UW2	1.65~2W	4.5~18, 9~36, 18~75	S, D	±5, ±12, ±15, 3.3, 5, 9, 12, 15	-40~85°C	0.74 x 0.50 x 0.33in	
	UW3	2.3~3W		S, D	±5, ±12, ±15, 3.3, 5, 9, 12, 15	-40~71°C	0.74 x 0.50 x 0.33in	
RBA	1	1W	2.97~3.63, 4.5~5.5, 10.8~13.2, 13.5~16.5, 21.6~26.4	S	3.3, 5, 9, 12, 15, 24	-40~105°C	0.46 x 0.24 x 0.4in	
	X1	1W		S	3.3, 5, 6, 9, 12, 15, 24	-40~105°C	0.5 x 0.44 x 0.29in	

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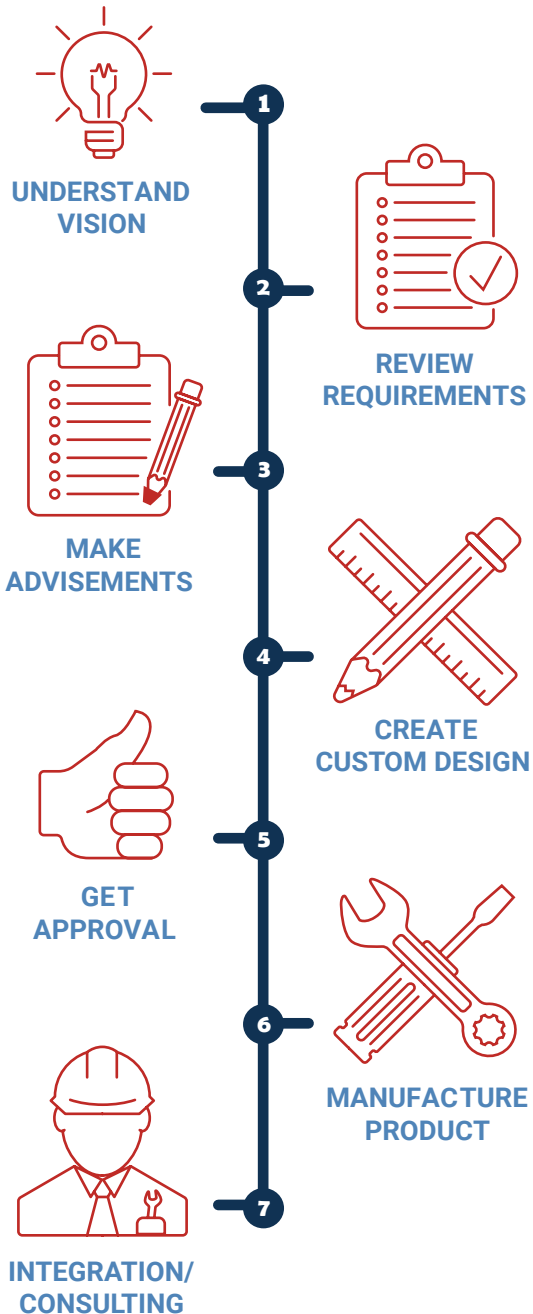
Through Hole

Series Name	Series Suffix	Watts	Input Voltage Range (VDC)	No. of Outputs	Output Range (VDC)	Temp. Range	Dimensions	Industry
LANE	-C	0.5~1W	4.5~5, 10.8~13.2, 13.5~16.5, 21.6~26.4	S	5, 9, 12, 12.75, 15	-40~85°C	0.77 x 0.24~0.28 x 0.39in	-
	-6KV	1W	4.5~5.5, 10.8~13.2	S, D	±5, ±12, ±15, 5, 12, 15	-25~85°C	0.87 x 0.30 x 0.49in	HI +
	H	1W	3.14~3.47, 4.75~5.25, 8.55~9.45, 11.4~12.6, 14.25~15.75, 22.8~25.2, 45.6~50.4	S, D	±3.3, ±5, ±9, ±12, ±15, ±24, 3.3, 5, 9, 12, 15, 24	-40~85°C	0.77 x 0.24~0.30 x 0.39in	HI
	2	2W	4.5~5.5, 8.1~9.9, 10.8~13.2, 13.5~16.5, 21.6~26.4	S, D	±5, ±9, ±12, ±15, ±24, 5, 9, 12, 15, 24	-40~85°C	0.77 x 0.24~0.28 x 0.39in	-
	H2	2W	3.14~3.47, 4.75~5.25, 11.4~12.6, 14.25~15.75, 22.8~25.2, 45.6~50.4	S, D	±5, ±9, ±12, ±15, 5, 9, 12, 15	0~70°C, -40~85°C	0.77 x 0.28 x 0.39in	-
	W	1.65~2W	4.5~9, 9~18, 18~36, 36~75	S, D	±5, ±12, ±15, 3.3, 5, 9, 12, 15	-40~85°C	0.86 x 0.36 x 0.44in	-
	UW2H	1.65~2W	9~36, 18~72	S, D	±5, ±9, ±12, ±15, 3.3, 5, 9, 12, 15	-40~85°C	0.86 x 0.36 x 0.44in	HI
	W3 H	2.3~3W	4.5~9, 9~18, 18~36, 36~75	S, D	±5, ±12, ±15, 3.3, 5, 9, 12, 15	-40~71°C	0.86 x 0.36 x 0.44in	HI
	UW3	2.3~3W	4.5~18, 9~36, 18~75	S, D	±5, ±12, ±15, 3.3, 5, 9, 12, 15	-40~71°C	0.86 x 0.36 x 0.44in	HI
RBA	T	1W	4.5~5.5	S	3.3, 5, 9, 12, 15, 24	-40~105°C	0.46 x 0.24 x 0.4in	
	6	6W	9~18, 18~36, 36~75	S, D	±5, ±12, ±15, 3.3, 5, 9, 12, 15, 24	-40~85°C	1 x 1 x 0.46in	
	30	30W	9~36, 18~75	S, D	±5, ±12, ±15, ±24, 3.3, 5, 9, 12, 15, 24	-40~80°C	2 x 1 x 0.47in	
DCHB	W75	66~76.8W	9~36, 18~75, 43~160	S	3.3, 5, 12, 15, 24, 28, 48	-40~105°C	2.4 x 2.28 x 0.5in	★
	W100	82.5~100.8W	8.5~36, 9~36, 16.5~75, 43~160	S	3.3, 5, 12, 15, 24, 28, 48	-40~115°C	2.4 x 2.28 x 0.5in	★
	W150	132~182.4W		S	3.3, 5, 12, 15, 24, 28, 48	-40~115°C	2.4 x 2.28 x 0.5in	★
	W200	165~240W		S	3.3, 5, 12, 15, 24, 28, 48	-40~115°C	2.4 x 2.28 x 0.5in	★
	150	132~196W		8.5/9~22, 16.5~36, 33~75	S	3.3, 5, 12, 15, 24, 28, 48, 53	-40~115°C	2.4 x 2.28 x 0.5in
	200	165~255W	8.5/9~22, 16.5~36, 33~75	S	3.3, 5, 12, 15, 24, 28, 48, 53	-40~115°C	2.4 x 2.28 x 0.5in	★
	500	500W	18~36, 200~400	S	5, 6.5, 12, 24, 28, 36, 48	-40~100°C, -55~100°C	2.28 x 2.4 x 0.5in	HI
JFC	W	13.2~15.6W	9~36, 18~75	S, D	±5, ±12, ±15, ±24, 3.3, 5, 12, 15, 24	-40~60°C	1 x 1 x 0.39in	-
	W10	9.9~10W	9~36, 18~75	S, D	±5, ±12, ±15, 3.3, 5, 12, 15, 24	-40~85°C	1 x 1 x 0.39in	
	W20	14.85~20W		S, D	±12, ±15, ±24, 3.3, 5, 12, 15, 24	-40~101°C	1 x 1 x 0.39in	-
	W30	23.1~30W		S, D	±12, ±15, ±24, 3.3, 5, 12, 15, 24	-40~50°C	1 x 1 x 0.39in	-
	10	9.9~10W	9~18, 18~36, 36~75	S, D	±5, ±12, ±15, 3.3, 5, 12, 15, 24	-40~85°C	1 x 1 x 0.39in	
	20	14.85~20W		S, D	±12, ±15, ±24, 3.3, 5, 12, 15, 24	-40~60°C	1 x 1 x 0.39in	
	30	23.1~30W		S, D	±12, ±15, ±24, 3.3, 5, 12, 15, 24	-40~50°C	1 x 1 x 0.39in	
DBW	-	33~40	9~36, 18~75	S, D	±12, ±15, 3.3, 5, 12, 15	-40~50°C	2 x 2 x 0.40in	-
FA	-	250~300	10~36	S	5, 12, 15, 20, 24, 26, 28, 43, 48	-40~100°C	4.6 x 2.4 x 0.5in	★
HP	-	600W	10~36	S	12, 15, 20, 24, 26, 28, 48	-40~100°C	6 x 3 x 0.69in	★

Custom Capabilities

Fully Custom Power Design Capabilities

7-Step Design Process



ADVANCED TESTING & VERIFICATION EQUIPMENT

- Environmental Chambers for Temperature & Life Testing
- MYDATA SMT Component Placement Machines
- MPM Stencil Printer
- Automated Optical Inspection System
- Heller Convection Reflow Oven
- Aqueous Technology Batch Cleaning Equipment
- Magnetic Coil Winding Department In-House
- HALT/HASS Testing Capabilities with Outside Partners

CUSTOMS DESIGN CERTIFICATIONS

- UL60601-1
- EN60601-1
- FCC Part 15, 18
- CISPR Specifications
- Mil-Std-704 Aircraft Power Standards
- Mil-Std-1399 Shipboard Standards
- Mil-Std-1275 Military Vehicle Standards
- Mil-Std-461 Electro Magnetic Emissions Requirements
- Mil-Std-217 MTBF Standards
- Mil-Std-810 Environmental Testing
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- P-Spice Simulation SO
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- AutoCad
- ICAPS Circuit Simulation

Custom Projects

Custom Projects Across Any Industry

MILITARY



- 270 Watts
- Desktop Converter
- 90-264VAC
- FCC Part 15 Sub part B
- EN60950



- 750 Watts
- Battery Charger
- Mil 1275 Input
- Quick Charging to 12 & 25VDC Batteries



- 37 Watts
- 18-36VDC
- 3.3VDC @10A
- 300VDC @12A



- 160 Watts
- 13 Outputs
- EMI Compliant
- MIL Standard 461 and 801

MEDICAL



- 24VDC Charger
- EMI Compliant
- Mil 801, 704, and 1275
- Mil Standard 461 for Radiated and Conducted



- 2kw
- Multiple 24VDC Battery Charger Outputs
- EMI Compliant
- FCC part 15 Subpart B

HIGH-TECH



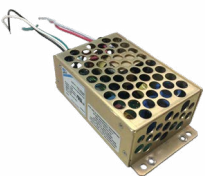
- Multiple Outputs
- 260 Watts
- Microwave Radio Power Supply

INDUSTRIAL



- 1200 Watts
- 24VDC Output
- Liquid Cooled
- 100% EMI Agency Approved
- Current Controllable

ENERGY



- 300 Watts
- 94% Efficient
- ISO9001 Compliant
- FCC Part 15-B Class A Emissions Compliant

OTHER

Wall is able to provide a high-quality, innovative, solution for any design requirement. Give us a challenge and we will be able to solve it. Contact the factory if you have a custom solution you are ready for us take on.

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- Environmental Chambers for Life and Temperature Testing
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- Engineering Team Provides Analog, Digital, Mechanical, and Packaging Expertise to Assist with Design Needs

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- Employees certified and trained to PC-610 Workmanship Standards
- Extensive Burn-In Capability, Standard, or Customer Specific
- 100% Final Electric and Hi-Pot Testing

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