

▶ 典型性能:

- 宽输入电压范围, 单/双/三路输出
- 固定开关频率
- 自然散热、风冷散热
- 多重保护功能
- 接受客户定制

▶ 应用领域:

- 通讯设备
- 交换与接入
- 射频功放
- 工业设备
- 电力设备
- 仪器仪表

▶ 参数表:

- 除特殊指定外, 所有参数的测试条件为: 室温25°C, 标称输入电压、纯阻性标称负载



▶ 输入特性:

项目	条件	指标(典型)
输入电压 ¹	220Vac输入	165~265Vac
	宽220Vac输入	85~265Vac
输入频率	---	47~63Hz

▶ 输出特性:

项目	条件	指标(典型)
输出功率	输入电压全范围	20~1000W
输出电压	单路输出	5/12/24/28/32/48/54Vdc
	双路/三路输出	详见列表
电压设定精度	输入电压全范围 全负载范围	稳压路: ±1%
		非稳压路: ±3%
负载调整率	20%-100%负载	稳压路: ±1%
		非稳压路: ±2%
电压调整率	满载	稳压路: ±0.5%
		非稳压路: ±1%
动态响应 (过冲/恢复时间)	25%-50%-75% 负载阶跃	±4%/500μs
峰-峰值杂音电压	平行线测试法 20MHz带宽	详见列表

▶ 一般特性:

项目	条件	指标(典型)
工作环境温度 ²	无风自然散热	-25°C~55°C
存储温度	---	-25°C~85°C
开关频率	---	66~100kHz
温度系数	---	200ppm
绝缘电阻	---	10MΩ
隔离耐压	输入对输出	1500Vac
	输入对壳	1500Vac
	输出对壳	500Vdc
安规	---	EN60950

▶ 保护特性:

输出过流保护	自恢复	具备
输出短路保护	自恢复	具备

▶ 产品列表:

产品型号	输入电压范围	标称输出电压/电流			输出功率 (W)	效率	输出纹波噪声 (峰-峰值)mV	封装尺寸 (inch)
	(Vac)	Vo1(Vdc)/Io1(A)	Vo2(Vdc)/Io2(A)	Vo3(Vdc)/Io3(A)				
常规输入范围								
LAK30-220S5	165~265	5.0/6.0			30	76%	50	5.00×3.35×0.98
LAK75-220S12	165~264	12.0/6.25			75	80%	120	8.95×2.60×1.20
LAK90-220S12	165~265	12.0/7.5			90	82%	120	5.79×3.94×1.77
LAK100-220S12	170~265	12.0/8.0			96	83%	80	7.83×3.86×1.54
LAK150-220S12	165~265	12.0/13.0			150	86%	150	8.38×5.08×4.45
LAK150-220S24	187~253	24.0/2.65			150	80%	200	9.11×4.24×1.64
LAK280-220S28	140~300	28.0/10.0			280	90%	150	9.82×2.80×1.58
LAK280-220S32	140~300	32.0/8.8			280	91%	150	10.04×2.80×1.58
LAK650-220S32	140~290	32.0/20.0			650	92%	150	7.23×6.62×1.73
LAK50-220S48	165~265	-48.0/-1.0			48	85%	200	6.18×3.23×1.50
LAK150-220S48	140~280	-48.0/-3.0			144	87%	250	7.09×4.72×2.56
LAK1000-220S48	150~285	48.0/20.84			1000	90%	250	12.68×7.88×4.72
LAK20-220D5-12I	165~265	5.15/3.5	12.0/0.13		20	75%	50/100	6.18×3.21×1.50
LAK168-220D12-48	170~260	+12.0/+10.0	-48.0/-1.0		168	70%	100/200	8.92×2.95×1.18
LAK152-220D32-5V6	140~285	+32.0/+3.0	+5.6/+10.0		152	88%	200/100	6.46×3.82×1.06
LAK300-220D32-5V6	140~285	+32.0/+5.0	+5.6/+25.0		300	92%	200/100	5.67×5.12×1.58
LAK140-220D48-12	176~264	+48.0/+2.5	+12.0/+1.66		140	91%	200/100	6.30×3.54×1.57
LAK420-220D48-12	176~264	+48.0/+8.3	+12.0/+1.66		420	91%	200/100	7.87×3.54×1.57
LAK180-220T28-12-5	140~300	+28.0/+4.0	12.0/+4.0	+5.0/+4.0	180	88%	200/100/100	9.45×4.02×1.58
LAK300-220M28	140~300	+28.0/+10.0	+5.5/+6.0	+5.0/+14.0	300	80%	200/100/100	9.45×4.02×1.58
宽输入范围								
LAK50-220S12W	90~265	12.0/4.0			48	80%	100	9.42×2.36×1.26
LAK60-220S12W	90~264	12.0/5.0			60	90%	80	3.98×2.29×1.42
LAK120-220S12W	90~265	12.0/10.0			120	89%	100	7.36×2.48×1.62
LAK150-220S12W	85~260	12.0/12.5			150	86%	100	7.84×3.90×1.18
LAK180-220S12W	90~265	12.0/15.0			180	92%	100	7.87×3.47×1.69
LAK240-220S12W	88~264	12.0/20.0			240	86%	100	7.48×3.66×1.97
LAK240-220S24W	88~264	24.0/10.0			240	87%	200	7.48×3.66×1.97
LAK350-220S26W	90~264	26.0/13.5			350	90%	200	8.27×3.39×1.64
LAK200-220S28W	90~264	28.0/7.2			200	93%	200	4.79×2.36×1.65
LAK450-220S28W	90~264	28.0/16.0			450	93%	200	6.69×3.23×1.58
LAK150-220S48W	85~264	48.0/3.2			150	90%	200	7.84×3.90×1.18
LAK200-220S48	90~280	48.0/4.0			200	90%	200	10.04×2.80×1.58
LAK240-220S48W	88~264	48.0/5.0			240	89%	200	7.48×3.66×1.97
LAK250-220S48W	90~275	48.0/5.2			250	92%	200	11.51×4.13×3.27
LAK160-220S54W	76~276	-54.0/-3.0			160	90%	200	11.62×2.17×0.99
LAK210-220S54W	76~288	-54.0/-3.9			210	90%	200	11.62×2.95×0.99
LAK65-220S56W	90~264	54.0/1.2			64.8	88%	200	3.98×2.29×1.42
LAK600-220D5-48	90~264	+5.1/+60.0	-50.0/-6.0		600	90%	120/200	9.44×9.21×1.48
LAK250-220D12-5W	100~240	+12.0/+20.0	+5.0/+2.0		250	80%	120/150	7.28×2.89×1.54
LAK36-220D12-12W	110~265	+12.0/+2.0	+12.0/+1.0		36	80%	100/100	5.91×3.07×1.62
LAK700-220D12-48	90~264	+12.0/+50.0	-50.0/-2.0		700	85%	120/200	9.44×9.21×1.48
LAK270-220D12-54W	85~280	+12.0/+18.0	-54.0/-1.0		270	90%	100/200	11.81×2.76×1.58
LAK160-220D22-5V5W	85~286	+22.0/+2.9	+5.5/+18.0		160	90%	200/100	6.50×3.49×1.16
LAK500-220D26-48W	90~264	+26.0/+13.5	+48.0/+3.0		500	92%	200/400	8.27×4.37×1.64
LAK30-220D28-5V3W	90~264	+28.0/+0.65	+5.3/+2.0		30	85%	200/100	6.46×1.97×1.36
LAK582-220D28-5V6W	90~285	+28.0/+16.5	+5.6/+21.5		582	90%	200/100	9.44×9.21×1.48
LAK100-220T5V3-26-48W	86~276	+5.3/+10.0	+26.0/+1.7	+48.0/+0.032	100	86%	50/100/400	6.50×2.38×1.20
LAK50-220T3V3-5-12	85~265	+3.3/+6.5	+5.0/+3.5	+12.0/+1.28	54	65%	50/50/120	6.18×3.21×1.50

注1: 若需直流输入, 请与技术支持部或销售部联系。

注2: 部分产品工作环温最宽可达-40℃~70℃。

注3: 本手册中提及的产品性能参数及外观仅供选型参考; 具体产品的参数及外观, 请以本公司提供的产品指标书为准。