

J75-100AW SERVES

- 封装尺寸Size dimensional: 130x70.0x26.0mm
- 宽范围输入Wide input voltage range
- 转换效率典型Typical efficiency :80%
- 开关频率Switching frequency:100KHz±10KHz
- 过流、短路保护,自恢复Over current、short circuit protection
- 输入与输出高隔离Input-output isolate
- 输入和输出带接线端子Input and output With terminal
- 温度适应范围Wide temperature range
- 六面金属屏蔽Six sides metal shielding

外形图Outside drawing



CE RoHS

输入特性Input

输入电压范围 Input voltage range	标称Nom(V)	最小Min(V)	最大Max(V)	输入比Input
	220AC(310Vdc)	85AC(120Vdc)	265AC(380Vdc)	3:1
	220AC(310Vdc)	165AC(200Vdc)	265AC(380Vdc)	1.65:1
输入频率范围	50Hz	47Hz	440Hz	47-440Hz
遥控端 ON/OFF	无遥控端No remote			

输出特性Output

输出电压精度Output voltage accuracy	标称电压Nominal output voltage	Vo1:±1.0%; Vo2:±2.0%
源效应Line regulation	标称负载, 全范围Nominal load, gamut	Vo1:±0.2%; Vo2:±0.5%
负载效应Load regulation	20%~100%额定负载Rated load	Vo1:±0.5%; Vo2:±3.0%
输出纹波及噪声 Output Ripple and noise	20MHz Bm满载Full load	Vo≤5V: ≤80mVp-p
		Vo≥48V: ≤180mVp-p;
		其它电压≤120mVp-p
动态响应Dynamic response	25%的标称负载阶跃Nom load stepped	ΔVo1/Δt: ±4.0/500us%
输出电压调节Output voltage adjust		无调节端
启动延迟时间Start delay time	典型值Typical	≤500ms
输出短路保护Short circuit protection	长期短路Continued short circuit protection	自恢复

一般特性General

转换效率Efficiency	Vo≤5.0V:80%典型Typical	Vo>5.0V:82%典型
开关频率Switching frequency	100KHz典型Typical	110KHz最大Max
工作温度Operating temperature	自由空气对流Free air convection	-25℃~+75℃工业级
		-40℃~+85℃军级
焊接温度Welding temperature	手工焊接Hand welding	360±10℃;时间:5~10S
	波峰焊接Wave welding	260±5℃;时间:3~5S
储存温度Storage temperature		-40℃~+105℃
相对湿度Relative humidity		10%~90%
外壳材料Case material		黑色金属壳Black metal case:AC
隔离电压Isolation voltage	输入与输出Input and output	2.5KVac≤2mA/1分钟Minute
	输入与外壳Input and case	AC:1.5KVac≤1mA/1分钟
最小无故障间隔时间 (MTBF)		2X10 ⁴ Hrs

J75-100AW SERIES

典型应用Type

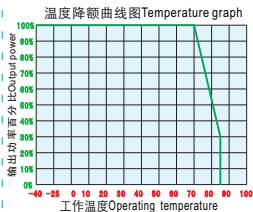
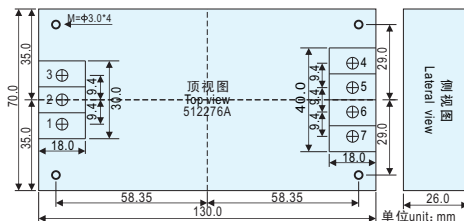
输入电压范围 Input voltage range	标称输出电压/输出电流 (Out V / A)					型号TYPE
	单路 (S)		型号TYPE	双路 (D/DI)		
	V	A		V	A	
165-265Vac 200-380Vdc	3.3V	15.0A	J75AW220S3V3E4	±3.3V	±7.5A	J75AW220D3V3E4
	5V	15.0A	J75AW220S05E4	±5V	±7.5A	J75AW220D05E4
	9V	8.3A	J75AW220S09E4	±9V	±4.15A	J75AW220D09E4
	12V	6.25A	J75AW220S12E4	±12V	±3.125A	J75AW220D12E4
	15V	5.0A	J75AW220S15E4	±15V	±2.5A	J75AW220D15E4
	18V	4.16A	J75AW220S18E4	±18V	±2.08A	J75AW220D18E4
	24V	3.125A	J75AW220S24E4	±24V	±1.56A	J75AW220D24E4
	48V	1.56A	J75AW220S48E4	+5V/+12V	6A/2.9A	J75AW220D05-12IE4
85-265Vac 120-380Vdc	3.3V	20.0	J100AW220S3V3E4	±3.3V	±10.0	J100AW220D3V3E4
	5V	20.0	J100AW220S05E4	±5V	±10.0	J100AW220D05E4
	9V	11.1	J100AW220S09E4	±9V	±5.55	J100AW220D09E4
	12V	8.33	J100AW220S12E4	±12V	±4.16	J100AW220D12E4
	15V	6.66	J100AW220S15E4	±15V	±3.33	J100AW220D15E4
	18V	5.55	J100AW220S18E4	±18V	±2.77	J100AW220D18E4
	24V	4.16	J100AW220S24E4	±24V	±2.08	J100AW220D24E4
	48V	2.08	J100AW220S48E4	+5V/+12V	10A/4.16A	J100AW220D05-12IE4

注 1、因篇幅有限，以上只是部分产品列表，若需列表以外产品，请与本公司销售部或办事处联系。

2、当工作温度为+70℃时，应按温度降额曲线图使用。

3、测试条件:所有参数测试均在标称输入电压、纯阻性额定负载及25℃室温环境下测得。

封装尺寸图Size dimensional drawing



管脚说明Pin	1	2	3	4	5	6	7
单路Single	FG	AC(N)	AC(L)	+Vout	+Vout	GND	GND
双路Dual	FG	AC(N)	AC(L)	+Vout1	COM	COM	-Vout2
双路隔离 (DI)	FG	AC(N)	AC(L)	+Vout1	GND1	+Vout2	GND2