

J30-40AW SERVES

- ◎ 封装尺寸Size dimensional: 88.9x63.5x17.0mm
- ◎ 宽范围输入Wide input voltage range
- ◎ 转换效率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
- ◎ 输入与输出隔离Input-output isolate
- ◎ PCB板上直插式安装Board in-line type installs
- ◎ 温度适应范围Wide temperature range

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		±10%调节
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℃ 军工级
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

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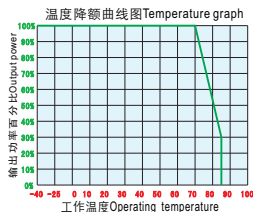
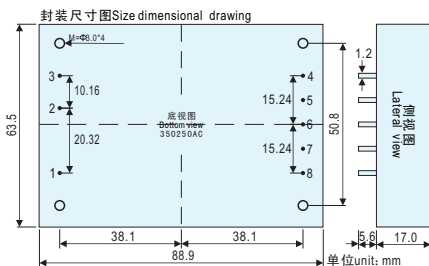
典型应用Type

输入电压范围 Input voltage range	标称输出电压/输出电流Nom output voltage/current						
	单路Single		型号Type	双路Dual		型号Type	
	V	A		V	A		
165-265Vac 200-380Vdc	3.3V	6.0A	J30AW220S3V3C6	±3.3V	±3.0A	J30AW220D3V3C6	
	5V	6.0A	J30AW220S05C6	±5V	±3.0A	J30AW220D05C6	
	9V	3.33A	J30AW220S09C6	±9V	±1.66A	J30AW220D09C6	
	12V	2.5A	J30AW220S12C6	±12V	±1.25A	J30AW220D12C6	
	15V	2.0A	J30AW220S15C6	±15V	±1.0A	J30AW220D15C6	
	18V	1.66A	J30AW220S18C6	±18V	±833mA	J30AW220D18C6	
	24V	1.25A	J30AW220S24C6	±24V	±625mA	J30AW220D24C6	
	48V	625mA	J30AW220S48C6	+5V/+12V	3.0A/1.25A	J30AW220D05-12C6	
85-265Vac 120-380Vdc	3.3V	8.0A	J40AW220S3V3C6	±3.3V	±4.0A	J40AW220D3V3C6	
	5V	8.0A	J40AW220S05C6	±5V	±4.0A	J40AW220D05C6	
	9V	4.44A	J40AW220S09C6	±9V	±2.22A	J40AW220D09C6	
	12V	3.33A	J40AW220S12C6	±12V	±1.66A	J40AW220D12C6	
	15V	2.66A	J40AW220S15C6	±15V	±1.33A	J40AW220D15C6	
	18V	2.22A	J40AW220S18C6	±18V	±1.11A	J40AW220D18C6	
	24V	1.66A	J40AW220S24C6	±24V	±833mA	J40AW220D24C6	
	48V	833mA	J40AW220S48C6	+5V/+12V	4.0A/1.66A	J40AW220D05-12C6	

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。



管脚说明Pin	1	2	3	4	5	6	7	8
单路Single	FG	AC(N)	AC(L)	+Vout	NP	NP	NP	GND
双路Dual	FG	AC(N)	AC(L)	+Vout1	NP	COM	NP	-Vout2
双路隔离DI	FG	AC(N)	AC(L)	+Vout1	GND1	NP	+Vout2	GND2