

J50-60AW SERVES

- 封装尺寸Size dimensional: 116.0x65.0x22.0mm
- 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 $\pm$ 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
输入频率范围	220AC (310Vdc)	165AC (200Vdc)	265AC (380Vdc)	1.65 : 1
	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: $\pm 1.0\%$; Vo2: $\pm 2.0\%$
源效应Line regulation	标称负载, 全范围Nominal load, gamut	Vo1: $\pm 0.2\%$; Vo2: $\pm 0.5\%$
负载效应Load regulation	20%~100%额定负载Rated load	Vo1: $\pm 0.5\%$; Vo2: $\pm 3.0\%$
输出纹波及噪声 Output Ripple and noise	20MHz Bm满载Full load	Vo $\leq$ 5V: $\leq 80mVp-p$
		Vo $\geq$ 48V: $\leq 180mVp-p$; 其它电压 $\leq 120mVp-p$
动态响应Dynamic response	25%的标称负载阶跃Nom load stepped	$\Delta Vo1 / \Delta t: \leq 4.0 / 500us\%$
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	$\leq 500ms$
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 $\leq 5.0V$: 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 $^{\circ}C$ ~ +75 $^{\circ}C$ 工业级
		-40 $^{\circ}C$ ~ +85 $^{\circ}C$ 军级
焊接温度Welding temperature	手工焊接Hand welding	360 $\pm 10^{\circ}C$; 时间: 5~10S
	波峰焊接Wave welding	260 $\pm 5^{\circ}C$; 时间: 3~5S
储存温度Storage temperature		-40 $^{\circ}C$ ~ +105 $^{\circ}C$
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 $\leq$ 2mA/1分钟Minute
	输入与外壳Input and case	AC: 1.5KVac $\leq$ 1mA/1分钟
最小无故障间隔时间 (MTBF)		2X10 ⁴ Hrs

J50-60AW SERIES

典型应用Type

标称输出电压/输出电流Nom output voltage/current

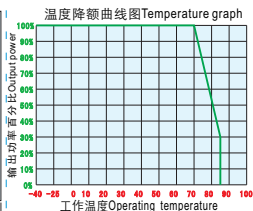
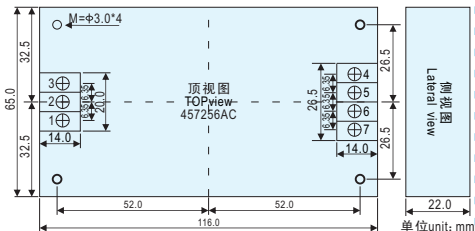
输入电压范围 Input voltage range	单路Single		型号Type	双路Dual		型号Type
	V	A		V	A	
165~265Vac 200~380Vdc	3.3V	10.0A	J50AW220S3V3D5	±3.3V	±5.0A	J50AW220D3V3D5
	5V	10.0A	J50AW220S05D5	±5V	±5.0A	J50AW220D05D5
	9V	5.55A	J50AW220S09D5	±9V	±2.77A	J50AW220D09D5
	12V	4.16A	J50AW220S12D5	±12V	±2.08A	J50AW220D52D5
	15V	3.33A	J50AW220S15D5	±15V	±1.66A	J50AW220D55D5
	18V	2.77A	J50AW220S18D5	±18V	±1.38A	J50AW220D58D5
	24V	2.08A	J50AW220S24D5	±24V	±1.04A	J50AW220D24D5
	48V	1.04A	J50AW220S48D5	+5V/+12V	5.0/2.08A	J50AW220D05-12D5
	3.3V	12.0A	J60AW220S3V3D5	±3.3V	±6.0A	J60AW220D3V3D5
	5V	12.0A	J60AW220S05D5	±5V	±6.0A	J60AW220D05D5
85~265Vac 120~380Vdc	9V	6.66A	J60AW220S09D5	±9V	±3.33A	J60AW220D09D5
	12V	5.0A	J60AW220S12D5	±12V	±2.5A	J60AW220D12D5
	15V	4.0A	J60AW220S15D5	±15V	±2.0A	J60AW220D15D5
	18V	3.33A	J60AW220S18D5	±18V	±1.66A	J60AW220D18D5
	24V	2.5A	J60AW220S24D5	±24V	±1.25A	J60AW220D24D5
	48V	1.25A	J60AW220S48D5	+5V/+12V	6.0A/2.5A	J60AW220D05-12D5

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	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