

J10-20RW SERVES

- 封装尺寸Size dimensional: 76.2x76.2x12.7mm
- 宽范围输入Wide input voltage range
- 转换效率典型Typical efficiency :80%
- 开关频率Switching frequency:300KHz $\pm$ 30KHz
- 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
- PCB板上直插式安装Board in-line type installs
- 温度适应范围Wide temperature range
- 50/25Hz标准纯正弦波输出Output Correction sine wave

外形图Outside drawing



CE RoHS

输入特性Input

输入电压范围 Input voltage range	2:1输入范围input voltage range			4:1输入范围input voltage range		
	标称Nom(V)	最小Min(V)	最大Max(V)	标称Nom(V)	最小Min(V)	最大Max(V)
	12V	9V	18V			
	24V	18V	36V			
	48V	36V	72V			
	96/110V	72V	144V			
遥控端Remote ON/OFF	高电平(5~48V)或悬空工作High level or vacant			低电平(<0.3V)或接地关断Low level or ground		

输出特性Output

输出电压精度Output voltage accuracy	标称电压Nominal output voltage	Vo1: $\pm 5\%$
源效应Line regulation	标称负载, 全范围Nominal load, gamut	Vo1: $\pm 0.5\%$
负载效应Load regulation	20%~100%额定负载Rated load	Vo1: $\pm 1.0\%$
输出波形Output waveform	标准纯正弦波Correction sine wave	
输出频率Output frequency	25/50Hz	$\pm 3\text{Hz}$
失真度Distortion factor	Nom: $\pm 2\%$	Max: $\pm 5\%$
输出电压调节Output voltage adjust		无调节端No adjust
启动延迟时间Start delay time	典型值Typical	$\leq 200\text{mS}$
输出短路保护Short circuit protection	过流保护Over-current protection	自恢复Auto recovery

一般特性General

转换效率Efficiency	Vo $\leq 5.0\text{V}$: 80%典型Typical	Vo > 5.0V: 85%典型Typical
开关频率Switching frequency	300KHz典型Typical	330KHz最大Max
工作温度Operating temperature	自由空气对流Free air convection	-25 $^{\circ}\text{C}$ ~ +75 $^{\circ}\text{C}$ 工业级Industrial level
		-40 $^{\circ}\text{C}$ ~ +85 $^{\circ}\text{C}$ 军级Military I level
焊接温度Welding temperature	手工焊接Hand welding	360 $\pm$ 10 $^{\circ}\text{C}$; 时间Time : 5~10S
	波峰焊接Wave welding	260 $\pm$ 5 $^{\circ}\text{C}$; 时间Time: 3~5S
储存温度Storage temperature		-40 $^{\circ}\text{C}$ ~ +105 $^{\circ}\text{C}$
相对湿度Relative humidity		10%~90%
外壳材料Case material		黑色金属壳Black metal case: DC
隔离电压Isolation voltage	输入与输出Input and output	1000Vdc $\leq$ 0.5mA/1分钟Minute
	输入与外壳Input and case	1000Vdc $\leq$ 0.5mA/1分钟Minute
最小无故障间隔时间 (MTBF)		2X10 ⁴ Hrs

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典型应用Type

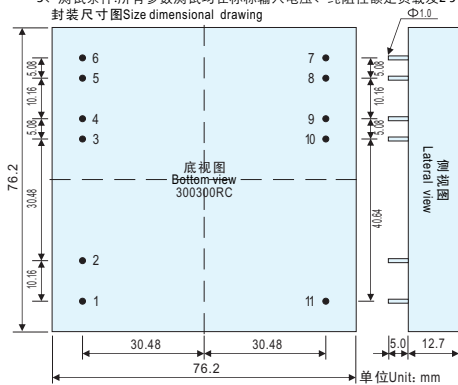
输入电压范围 Input voltage range	输出电压 Output voltage	输出电流 Output current	输出波形 Output waveform	输出频率 Output frequency	型号 Type
12V(9-18V) 24V(18-36V) 48V(36-72V) 96/110V(72-144V)	12Vac	833mA	正弦波Sine wave	25/50Hz	J10RW12S12C3
	24Vac	416mA	正弦波Sine wave	25/50Hz	J10RW12S24C3
	75Vac	133mA	正弦波Sine wave	25/50Hz	J10RW12S75C3
	12Vac	833mA	正弦波Sine wave	25/50Hz	J10RW24S12C3
	24Vac	416mA	正弦波Sine wave	25/50Hz	J10RW24S24C3
	75Vac	133mA	正弦波Sine wave	25/50Hz	J10RW24S75C3
	12Vac	833mA	正弦波Sine wave	25/50Hz	J10RW48S12C3
	24Vac	416mA	正弦波Sine wave	25/50Hz	J10RW48S24C3
	75Vac	133mA	正弦波Sine wave	25/50Hz	J10RW48S75C3
	12Vac	1.66A	正弦波Sine wave	25/50Hz	J20RW12S12C3
	24Vac	833mA	正弦波Sine wave	25/50Hz	J20RW12S24C3
	75Vac	266mA	正弦波Sine wave	25/50Hz	J20RW12S75C3
	12Vac	1.66A	正弦波Sine wave	25/50Hz	J20RW24S12C3
	24Vac	833mA	正弦波Sine wave	25/50Hz	J20RW24S24C3
	75Vac	266mA	正弦波Sine wave	25/50Hz	J20RW24S75C3
	12Vac	1.66A	正弦波Sine wave	25/50Hz	J20RW48S12C3
	24Vac	833mA	正弦波Sine wave	25/50Hz	J20RW48S24C3
	75Vac	266mA	正弦波Sine wave	25/50Hz	J20RW48S75C3

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。

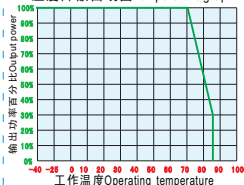
2、当工作温度为+70℃时, 应按温度降额曲线图使用。

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。

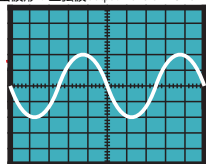
封装尺寸图Size dimensional drawing



温度降额曲线图Temperature graph



输出波形: 正弦波Output waveform: Sine wave



管脚说明Pin	1	2	3:4	5:6	7:8	9:10	11
单路Single	REM	CASE	-Vin	+Vin	+Vout	-Vout	NC