

J100-150DW SERIES

- 封装尺寸Size dimensional: 130.0x70.0x26.0mm
- 宽范围输入Wide input voltage range
- 转换效率典型Typical efficiency :80%
- 开关频率Switching frequency:300KHz±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
- 输入和输出带接线端子Input and output With terminal
- 温度适应范围宽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	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Hight level or vacant			低电平(<0.3v)或接地地断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:±1.0%;Vo2:±2.0%
源效应Line regulation	标称负载, 全范围Nominal load, gamut	Vo1:±0.2%;Vo2,Vo3,Vo4:±1.5%
负载效应Load regulation	20%~100%额定负载Rated load	Vo1:±0.5%;Vo2,Vo3,Vo4:±4.0%
输出纹波及噪声Output Ripple and noise	20MHz Bm满载Full load	Vo≤5V:≤50mVp-p Vo≥48V:≤180mVp-p; Other:≤100mVp-p
动态响应Dynamic response	25%的标称负载阶跃Nom load stepped	△Vo1/△t:≤4.0/500us%
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	≤200mS
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≤5.0V: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℃~+75℃工业级Industrial level -40℃~+85℃军级Military I level
焊接温度Welding temperature	手工焊接Hand welding 波峰焊接Wave welding	360±10℃;时间Time:5~10S 260±5℃;时间Time: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:DC
隔离电压Isolation voltage	输入与输出Input and output 输入与外壳Input and case	1000Vdc≤0.5mA/1分钟Minute 1000Vdc≤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	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	
12V(9-18V) 24V(18-36V) 48V(36-72V) 96V(72-144V)	3.3V	20.0A	J100DW□S3V3E4	±3.3V	±10.0A	J100DW□D3V3E4
	5V	20.0A	J100DW□S05E4	±5V	±10.0A	J100DW□D05E4
	9V	11.1A	J100DW□S09E4	±9V	±5.56A	J100DW□D09E4
	12V	8.33A	J100DW□S12E4	±12V	±4.16A	J100DW□D12E4
	15V	6.67A	J100DW□S15E4	±15V	±3.33A	J100DW□D15E4
	18V	5.56A	J100DW□S18E4	±18V	±2.78A	J100DW□D18E4
	24V	4.16A	J100DW□S24E4	±24V	±2.08A	J100DW□D24E4
	48V	2.08A	J100DW□S48E4	+5V;+12V	10A;4.16A	J100DW□D05-12IE4
	3.3V	30.0A	J150DW□S3VE4	±3.3V	±15A	J150DW□D3V3E4
	5V	30.0A	J150DW□S05E4	±5V	±15A	J150DW□D05E4
	9V	16.6A	J150DW□S09E4	±9V	±8.33A	J150DW□D09E4
	12V	12.5A	J150DW□S12E4	±12V	±6.25A	J150DW□D12E4
	15V	10.0A	J150DW□S15E4	±15V	±5.0A	J150DW□D15E4
	18V	8.33A	J150DW□S18E4	±18V	±4.17A	J150DW□D18E4
	24V	6.25A	J150DW□S24E4	±24V	±3.125A	J150DW□D24E4
	48V	3.125A	J150DW□S48E4	+5V;+12V	15A;6.25A	J100DW□D05-12IE4

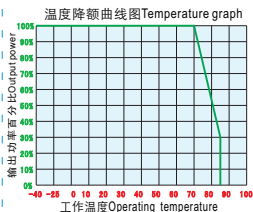
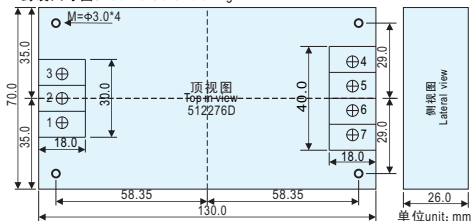
注:1、因篇幅有限, 以上只是部分产品列表, 若需列表以外产品, 请与本公司销售部或办事处联系。

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。

4、□代表选择标称输入电压。

封装尺寸图Size dimensional drawing



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