

# Jewinda AC/DC 电源适配器

## JWAP 电源适配器--5W 输出

JWAP Adapter series --5W Output

### 典型性能 Typical Performance

- ◆ 宽电压输入范围  
Wide range input voltage
- ◆ 高效率、高功率密度、低纹波  
High efficiency、High power density、Low ripple & noise
- ◆ 自然风冷，壳温低于 60°C  
Natuare air cooling,the shell surface temperature less than 60°C
- ◆ 采用 IC 控制，器件离散性小  
Ics control the circuit, and components of smaller discreteness



### 输入特性 Input Features

输入电压范围 Input voltage range	100~240VAC	110VAC 220VAC
输入电压频率 Input voltage frequency		47~63Hz
输入冲击电流 Inrush current	230VAC 冷启动 230VAC Cold start,	≅ 15A

### 输出特性 Output Features

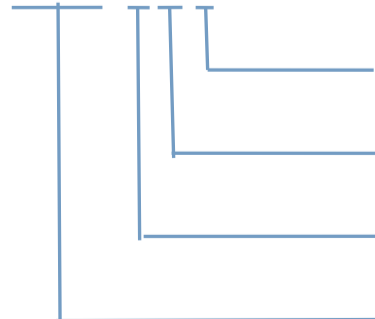
输出电压精度 Voltage tolerance	标称电压 Nominal voltage	≅ ±1% (5V ≅ ±2%)
电压调整率 Line regulation	输入电压从低端到高端变化 Change of input voltage from lowend to highend	≅ ±0.5%
负载调整率 Load regul	20%~100%负载变化 20%~100% Load change	V <sub>O</sub> ≅ ±1%
纹波噪声 Ripple&Noise	20M 带宽 20M Bandwidth	≅ 1%
温度系数 Temperature coefficient		±0.02%/°C
过流保护 Output overcircuit Protection		115~150%额定电流,自恢复 115~150%rated output circuit, auto recovery
短路保护 Short Circuit Protection		长期, 自恢复 Long-term, auto recovery
启动时间 Rise time	220VAC 满载 220VAC Full load	500mS (典型值) 500ms (typical)
保持时间 Hold up time	220VAC 满载 220VAC Full load	100mS (典型值) 100ms (typical)

### 一般特性 General Features

隔离耐压 Withstand voltage	输入对输出 I/P-O/P、 输入对地 I/P-F/G (1分钟,漏电流 ≅ 5mA ) (1Mintute ,leakage current) ≅ 5mA)	3000VAC  1500VAC
绝缘电阻 Isolation resistance	500V	≅ 100MΩ
MTBF	环境 25°C Environment 25°C	2.0*10 <sup>5</sup> Hrs
工作温度 Operating temperature		0°C~50°C
储存温度 Storage temperature		-20°C~85°C
工作相对湿度 Operating humidity	无凝露及结冰现象 (non condensing)	10%~90%RH
储存相对湿度 Storage humidity	无凝露及结冰现象 (non condensing)	5%~95%RH
冷却方式 Cooling method		自然冷却 Convection

### 命名方式 Naming Rules

JWAP- 5 S 5



输出电压  
Output voltage  
单路输出  
Single Output  
输出功率  
Output power  
AC/DC 电源适配器  
AC/DC Adapter

产品选型 Product selection

产品型号 Model No.	输出电压 Output voltage V <sub>O</sub>	输出电流 Output current I <sub>O</sub>	输出电压精度 Output voltage tolerance	纹波噪声 R&N V <sub>(P-P)</sub> mV	效率 Efficiency
JWAP-5S5	5V	1.00A	±2%	80mV	70%
JWAP-5S9	9V	0.56A	±1%	80mV	77%
JWAP-5S12	12V	0.42A	±1%	120mV	79%
JWAP-5S15	15V	0.34A	±1%	150mV	80%
JWAP-5S24	24V	0.21A	±1%	180mV	82%

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，请与本公司销售部联系。

2、所有参数在为特别指明时，都是在230VAC输入电压，额定负载和25℃条件下的测量值。

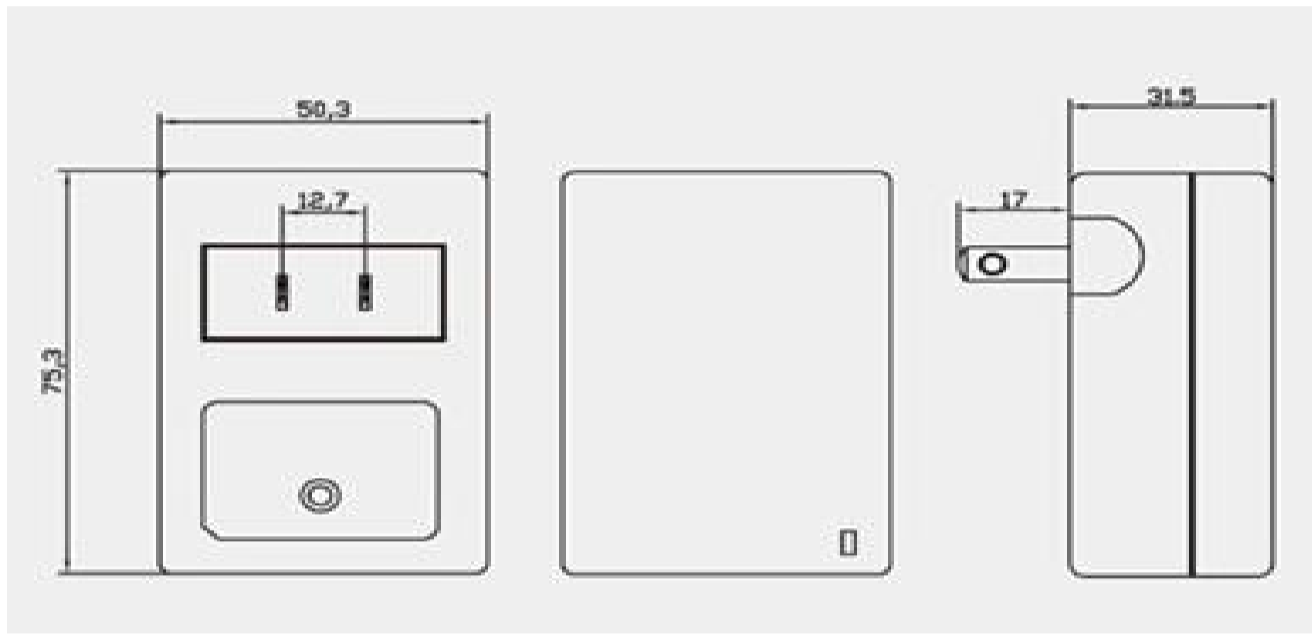
3、纹波噪声是在20MHz带宽示波器，用12英寸双绞线末端加0.1uF和47uF电容式测量值

Note: 1、Due to space limitations ,the above list is only for some products, If other than a list of products, please contact the Company's sales department..

2、When not especial specified, aii the paramenters are obtained under the conditions of input voltage is 230Vac,nominal rated loadand 25℃.

3、Output ripple and noise is obtained that in the 20MHz bandwith oscilloscope's 12-inch twisted-pair terminal add capacitance 0.1uF and 47uF capacitance.

封装尺寸图 Mechanical Data



注：电源安装尺寸如与选型手册不符，请以实物尺寸为准。

Note: Power mechanical data does not match with the hand book, Please refer to product size