



AC/DC 电源适配器

JWAP 电源适配器--15W 输出

JWAP Adapter series --15W 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℃

Natuare air cooling,the shell surface temperature less than 60℃

◆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

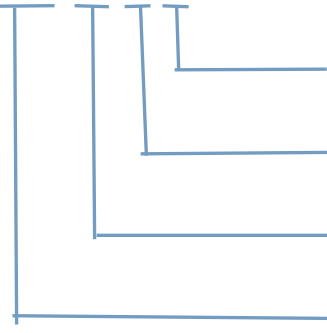
输出电压精度 Voltage tolerance	标称电压 Nominal voltage	≅ ±1% (5V ≅ ±2%)
电压调整率 Line regulation (full load)	输入电压从低端到高端变化 Change of input voltage from lowend to highend	≅ ±0.5%
负载调整率 Load regul	20%~100%负载变化 20%~100% Load change	$V_O \cong \pm 1\%$
纹波噪声 Ripple&Noise	20M 带宽 20M Bandwidth	≅ 1%
温度系数 Temperature coefficient		±0.02%/℃
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	100mS (典型值) 50ms (typical)
保持时间 Hold up time	220VAC 满载 220VAC Full load	50mS (典型值) 50ms (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℃ Environment 25℃	2.0*10 ⁵ Hrs
工作温度 Operating temperature		0℃~50℃
储存温度 Storage temperature		-20℃~85℃
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-15 S 12



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_O	输出电流 Output current I_O	输出电压精度 Output voltage tolerance	纹波噪声 R&N $V_{(P-P)mV}$	效率 Efficiency
JWAP-15S5	5V	3.00A	±2%	50mV	73%
JWAP-15S9	9V	1.67A	±1%	90mV	78%
JWAP-15S12	12V	1.25A	±1%	120mV	79%
JWAP-15S15	15V	1.00A	±1%	150mV	80%
JWAP-15S24	24V	0.63A	±1%	180mV	80%

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。

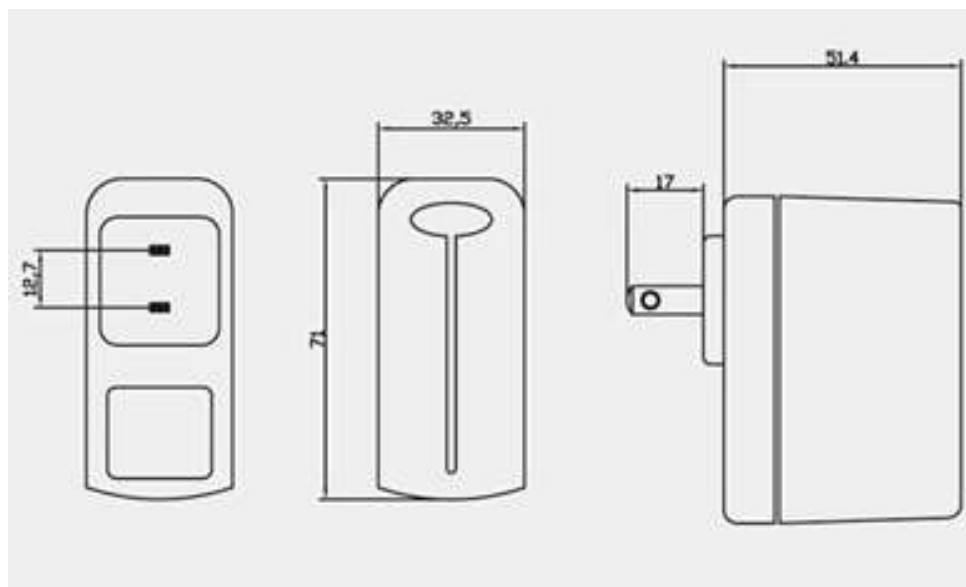
3、纹波噪声是在20MHz带宽示波器，用12英寸双绞线末端加0.1uF和47uF电容式测量值

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 bandwidth oscilloscope's 12-inch twisted-pair terminal add capacitance 0.1uF and 47uF capacitance.

封装尺寸图 MechanicalData



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