



AC/DC 防雨工控电源

JWAF 防雨工控电源系列--100W 单路输出

JWAF Rain-proof Switching Power Supply Series--100W Single Output

典型性能 Typical Performance

- ◆外形尺寸: 185*106*65 (mm)
Dimension: 185*106*65 (mm)
- ◆超宽输入电压范围
Super wide range input voltage
- ◆高效率、高功率密度、低纹波
High efficiency、High power density、Low ripple & noise
- ◆105°C长寿命电解电容
105°C long life electrolytic capacitors
- ◆防雨、防潮, 高可靠性、三年保修
Rainproof、moisture-proof, high reliability、three-year warranty
- ◆安规: EN60950
Ann rules: EN60950



输入特性 Input Features

输入电压范围 Input voltage range	W:60 ~265VAC 120~370VDC	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,	≦ 40A

输出特性 Output Features

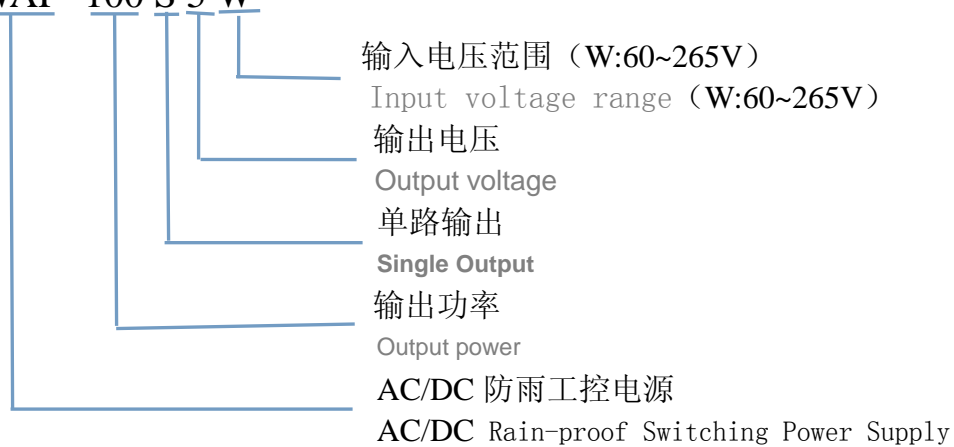
输出电压精度 Voltage tolerance	标称电压 Nominal voltage	≦ ±1% (5V ≦ ±2%)
电压调整率 Line regulation	输入电压从低端到高端变化 Change of input voltage from lowend to highend	≦ ±0.5%
负载调整率 Load regul	20%~100%负载变化 20%~100% Load change	$V_O \equiv \pm 0.5\%$
纹波噪声 Ripple&Noise	20M 带宽 20M Bandwidth	≦ 1%
温度系数 Temperature coefficient		±0.02%/°C
过功率保护 Output overload Protection		115~150%额定电流,自恢复 115~150%rated output powerl,auto recovery
短路保护 Short Circuit Protection		长期, 自恢复 Long-term ,auto recovery
效率 Efficiency	输入标称电压、满载 Input rated voltage、pull load	80% (典型值) 80%(typical)
启动时间 Rise time	220VAC 满载 220VAC pull load	800mS (典型值) 800ms (typical)
保持时间 Hold up time	220VAC 满载 220VAC pull load	50mS (典型值) 50ms (typical)

一般特性 General Features

隔离耐压 Withstand voltage	输入对输出、输入对地 I/P-O/P、I/P-F/G 输出对地 O/P -F/G (1分钟, 漏电流 ≦ 5mA) (1Mintute leakage current) ≦ 5mA)	1500VAC 500VAC
绝缘电阻 Isolation resistance	500V	≧ 50MΩ
MTBF	环境 25°C Environment 25°C	2.0*10 ⁵ Hrs
工作温度 Operating temperature	55°C以上降额使用 Above 55°C derating make	-25°C~70°C(-40°C~70°C)
储存温度 Storage temperature		-40°C~85°C
工作相对湿度 Operating humidity	无凝露及结冰现象 (non condensing)	10%~90RH
储存相对湿度 Storage humidity	无凝露及结冰现象 (non condensing)	5%~95RH
冷却方式 Cooling method		自然冷却 Convection

命名方式 Naming Rules

JWAF- 100 S 5 W



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
JWAF-100S5W	5V	0~20.0A	±2%	100mV	76%
JWAF-100S12W	12V	0~8.3A	±1%	120mV	79%
JWAF-100S15W	15V	0~6.7A	±1%	150mV	81%
JWAF-100S24W	24V	0~4.2A	±1%	150mV	84%
JWAF-100S48W	48V	0~2.1A	±1%	200mV	86%

注：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。

Note: 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.