

JWAC 充电电源系列--120W 输出

JWAC charging Switching Power Supply Series--120W Output

典型性能 Typical Performance

- ◆ 外形尺寸: 200*98*40 (mm)
Dimension: 200*98*40 (mm)
- ◆ 宽输入电压范围
Wide range input voltage
- ◆ 适用于不同类型蓄电池充电使用
Applicable to the use of different types of battery charging
- ◆ 高效率、高功率密度、低纹波
High efficiency、High power density、Low ripple & noise
- ◆ 金属外壳, 八面屏蔽,
Metal shell, Eight face shield
- ◆ 安规: EN60950
Ann rules: EN60950


输入特性 Input Features

| | | |
|-----------------------------------|---------------------------------------------------|------------------|
| 输入电压范围 Input voltage range | W:85~265VAC 120~370VDC N:165~265VAC 230~370VDC | 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

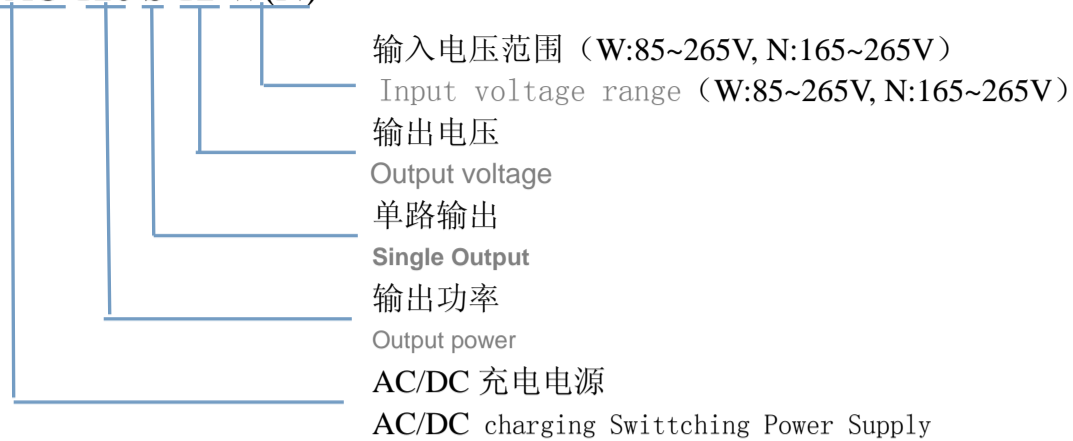
| | | |
|----------------------------------------------|----------------------------------------------------------------|-------------------------------------|
| 输出电压精度 Voltage tolerance | 标称电压 Nominal voltage | ≅ ±1% |
| 电压调整率 Line regulation (full load) | 输入电压从低端到高端变化 Change of input voltage from lowend to highend | ≅ ±0.5% |
| 负载调整率 Load regul | 20%~100%负载变化 20%~100% Load change | $V_O \cong \pm 1\%$ |
| 充电恒压精度 Constant voltage charging accuracy | 标称电压 Nominal voltage | ≅ ±1% |
| 充电恒流精度 Constant current charging accuracy | 标称电流 Nominal current | ≅ ±10% |
| 纹波噪声 Ripple&Noise | 20M 带宽 20M Bandwidth | ≅ 1% |
| 温度系数 Temperature coefficient | | ±0.02%/°C |
| 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 | 50mS (典型值) 50ms (typical) |
| 保持时间 Hold up time | 220VAC 满载 220VAC Full load | 20mS (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%~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

JWAC-120 S 12 W(N)



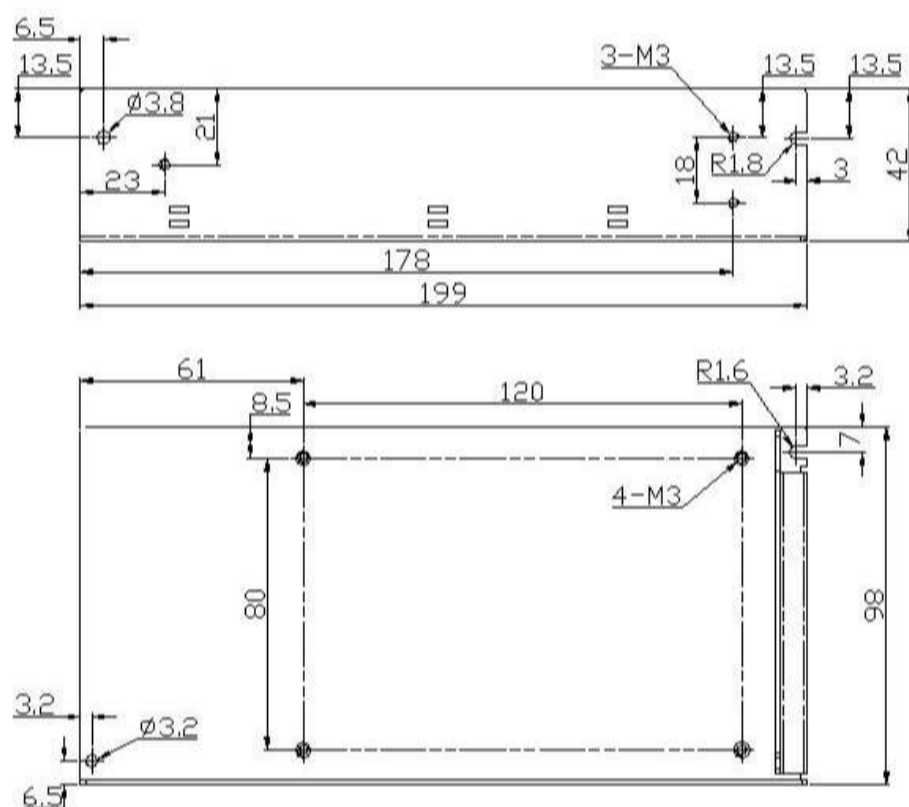
产品选型 Product Selection Table

| 产品型号 Product model | 电池标称电压 Battery nominal voltage | 充电电压 Charging voltage | 充电电流 Charging current | 浮充电压 Float voltage | 效率 Efficiency |
|-----------------------|-----------------------------------|--------------------------|--------------------------|-----------------------|------------------|
| JWAC-120S12W(N) | 12V | 14.8V | 10.0A | 13.8V | 82% |
| JWAC-120S24W(N) | 24V | 29.4V | 5.0A | 27.4V | 82% |
| JWAC-120S36W(N) | 36V | 44.2V | 3.3A | 41.2V | 82% |
| JWAC-120S48W(N) | 48V | 58.8V | 2.5A | 54.8V | 84% |
| JWAC-120S60W(N) | 60V | 73.5V | 2.0A | 68.5V | 85% |
| JWAC-120S72W(N) | 72V | 88.2V | 1.7A | 82.8V | 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.

安装尺寸图 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