

充电开关电源

Power supply with charging function



20 W 单路全电压充电电源
20 W Single output(Full range input)

Approval:CE

Size(LxWxH): 105mmx78mmx37mm

<p>产品特性:</p> <ul style="list-style-type: none"> ● 全范围电压输入 ● 绿色指示灯 ● 自然风冷 ● 过载/短路/电池过放电保护 ● 金属外壳、小体积、限流充电 ● 100%满载老化测试 ● 可提供基板式产品:102mmx60mmx40mm ● 一年质保 <p>技术参数:</p> <p>AC输入电压 100VAC~240 VAC 输入频率 47~63Hz 输入电流 0.65A/220VAC 冲击电流 40A@ 230VAC 维持时间 20 ms at 230VAC 过载保护 105%-180% 运行温度 0~ 40℃ 安全标准 GB4943-2001 EN60950</p> <p>EMC 标准 EN55022 绝缘标准 I/P-OP:3KVAC/min I/P-FG:1.5KVAC/min O/P-FG: 0.5KVAC/min</p> <p>连接件 输入端子: JTB552-00-1-05-3- 输出端子: JTB552-00-1-02-3-M9</p> <p>MTBF 10⁵h at 25℃ 重量 0.3Kg/pcs (有外壳) 0.18Kg/pcs(基板式)</p>	<p>Product features:</p> <ul style="list-style-type: none"> ● AC input/ full range ● Power on indication ● Cooled by air convection ● Protection for deeply discharged battery ● Protections: Overload/ Short circuit ● Metal case, small size, charging in limited current ● 100% full load burn-in test ● Open frame models available:102mmx60mmx40mm ● One year warranty <p>Specifications:</p> <p>AC input voltage 100VAC~240 VAC Input frequency 47~63Hz Input current 0.65A/220VAC Inrush current 40A@220VAC Hold up time 20 ms at 120VAC Overload protection 105%-180% Operating temperature 0 to 40℃ Safety standards GB4943-2001 EN60950</p> <p>EMC standard EN55022 Withstand voltage I/P-OP: 3KVAC/min I/P-FG: 1.5KVAC/min O/P-FG: 0.5KVAC/min</p> <p>Connection I/P: JTB552-00-1-05-3-M9 O/P:JTB552-00-1-02-3-M9</p> <p>MTBF 10⁵h at 25℃ Weight 0.3Kg/pcs (External case type) 0.18Kg/pcs (PCB type)</p>
---	---

P/N 型号	DC Output 输出	Tol. 容差	R&N 纹波&噪声	Effi. 效率	Load Regulation 负载调整率	Line Regulation 线性调整率
ESP-20-13.8A	13.8VDC 0~1.5A	±2%	140mV	80%	±2%	±1%
ESP-20-27.6A	27.6VDC 0~0.75A	±2%	240mV	82%	±2%	±1%
OP-20-13.8A	13.8VDC 1~1.5A	±2%	140mV	80%	±2%	±1%

充电开关电源

Power supply with charging function



42 W 单路全电压充电电源
42 W Single output(Full range input)

Approval:CE

Size(LxWxH): 130mmx98mmx42mm

产品特性:

- AC全范围电压输入
- 铅酸蓄电池专用
- 绿色指示灯
- 自然风冷
- 过载/短路/电池过放电保护
- 金属外壳、小体积、限流充电
- 满载 100% 4Hrs 老化测试
- 可提供基板式产品:102mmx60mmx40mm
- 一年质保

技术参数:

AC输入电压	100VAC~240 VAC
输入频率	47~63Hz
冲击电流	40A@ 230VAC
维持时间	20 ms at 230VAC
过载保护	105%-180%额定输出功率
运行温度	0~ 45℃
安全标准	GB4943-2001 EN60950
EMC 标准	EN55022
绝缘标准	I/P-OP:3KVAC/min I/P-FG:1.5KVAC/min O/P-FG: 0.5KVAC/min
连接件	输入端子: JTB552-00-1-05-3- 输出端子: JTB552-00-1-02-3-M9
MTBF	10 ⁵ h at 25℃
重量	0.5Kg/pcs (有外壳) 0.36Kg/pcs(基板式)

Product features:

- AC input / full range
- Charger for lead-acid batteries
- Power on indication
- Cooled by air convection
- Protection for deeply discharged battery
- Protections:Overload/ Short circuit
- Metal case, small size, charging in limited current
- 100% full load burn-in test
- Open frame models available:102mmx60mmx40mm
- One year warranty

Specifications:

AC input voltage	100VAC~240 VAC
Input frequency	47~63Hz
Inrush current	40A@220VAC
Hold up time	20 ms at 120VAC
Overload protection	105%-180% of the rated maximum output power
Operating temperature	0 to 40℃
Safety standards	GB4943-2001 EN60950
EMC standard	EN55022
Withstand voltage	I/P-OP: 3KVAC/min I/P-FG: 1.5KVAC/min O/P-FG: 0.5KVAC/min
Connection	I/P:JTB552-00-1-05-3-M9 O/P:JTB552-00-1-02-3-M9
MTBF	10 ⁵ h at 25℃
Weight	0.5Kg/pcs (External case type) 0.36Kg/pcs (PCB type)

P/N 型号	DC Output 输出	Tol. 容差	R&N 纹波&噪声	Effi. 效率	Load Regulation 负载调整率	Line Regulation 线性调整率
ESP-42-13.8A	13.8VDC 0~3A	±2%	140mV	80%	±2%	±1%
ESP-42-27.6A	27.6VDC 0~1.5A	±2%	240mV	80%	±2%	±1%
OSP-42-13.8	13.8VDC 0~3A	±2%	140mV	80%	±2%	±1%

充电开关电源

Power supply with charging function



70 W 单路全电压充电电源
70 W Single output(Full range input)

Approval:CE

Size(LxWxH): 160mmx98mmx42mm

<p>产品特性:</p> <ul style="list-style-type: none"> ● 全范围电压输入 ● 绿色指示灯 ● 自然风冷 ● 过载/短路/电池过放电保护 ● 金属外壳、小体积、限流充电 ● 100%满载老化测试 ● 一年质保 <p>技术参数:</p> <p>AC输入电压 100VAC~240 VAC 输入频率 47~63Hz 冲击电流 40A@ 230VAC 维持时间 20 ms at 230VAC 过载保护 105%-180%额定输出功率 运行温度 0~ 40℃ 安全标准 GB4943-2001 EN60950</p> <p>EMC标准 EN55022 绝缘标准 I/P-OP:3KVAC/min I/P-FG:1.5KVAC/min O/P-FG: 0.5KVAC/min</p> <p>连接件 输入端子: JTB552-00-1-05-3- 输出端子: JTB552-00-1-02-3-M9</p> <p>MTBF 10⁵h at 25℃ 重量 0.65Kg/pcs</p>	<p>Product features:</p> <ul style="list-style-type: none"> ● AC input / full range ● Power on indication ● Cooled by air convection ● Protection for deeply discharged battery ● Protections: Overload/ Short circuit ● Metal case, small size, charging in limited current ● 100% full load burn-in test ● One year warranty <p>Specifications:</p> <p>AC input voltage 100VAC~240 VAC Input frequency 47~63Hz Inrush current 40A@220VAC Hold up time 20 ms at 120VAC Overload protection 105%-180% of the rated maximum output power Operating temperature 0 to 40℃ Safety standards GB4943-2001 EN60950</p> <p>EMC standard EN55022 Withstand voltage I/P-OP: 3KVAC/min I/P-FG: 1.5KVAC/min O/P-FG: 0.5KVAC/min</p> <p>Connection I/P:JTB552-00-1-05-3-M9 O/P:JTB552-00-1-02-3-M9</p> <p>MTBF 10⁵h at 25℃ Weight 0.65Kg/pcs</p>
---	--

P/N 型号	DC Output 输出	Tol. 容差	R&N 纹波&噪声	Effi. 效率	Load Regulation 负载调整率	Line Regulation 线性调整率
ESP-70-13.8A	13.8VDC 0~5A	±2%	140mV	80%	±2%	±1%
ESP-70-27.6A	27.6VDC 0~2.5A	±2%	240mV	80%	±2%	±1%

充电开关电源

Power supply with charging function



20 W 单路充电电源 (230V AC输入)
20 W Single output (230V AC input only)

Approval:CE

Size(LxWxH): 130mmx98mmx42mm

<p>产品特性:</p> <ul style="list-style-type: none"> • 230VAC输入 • 通电指示 • 金属外壳、小体积、限流充电 • 过载/短路保护 • 电池反充保护 • 100%满载老化测试 • 一年质保 <p>技术参数:</p> <p>AC输入电压 176~264VAC 输入频率 47~63Hz 冲击电流 40A@ 230VAC 全载冷态 维持时间 20 ms at 230VAC,全载 过载保护 300% I₀ 运行温度 0 ~ 45℃ 储存温度 -20 ~ 70℃ 运行湿度 5%~90% RH, 不凝固 安全标准 EN60950 EN501301-4 EN50081 EN54-4:1997 EN55022</p> <p>EMC 标准 绝缘标准 I/P-OP:3KVAC/min I/P-FG:1.5KVAC/min O/P-FG: 0.5KVAC/min 切断电流:3.5mA max</p> <p>MTBF 连接件 10⁵h at 25℃ 输入端子: JTB552-00-1-05-3- 输出端子: JTB552-00-1-02-3-M9</p> <p>重量 0.5Kg/pcs</p>	<p>Product features:</p> <ul style="list-style-type: none"> • 230VAC input only • Power on indication • Metal case, small size, charging in limited current • Protections: Overload/Short circuit • Battery reverse charge protection • 100% full load burn in test • One year warranty <p>Specifications:</p> <p>AC input voltage 176~264VAC Input frequency 50/60Hz Inrush current 40A@230VAC full load cold start</p> <p>Hold up time 20 ms at 230VAC,full load Overload protection 300% I₀ Operating temperature 0 to 45℃ Storage temperature -20 to 70℃ Operating humidity 5%~90% RH, non-condensing Safety standards EN60950 EN501301-4 EN50081 EN54-4:1997 EN55022</p> <p>EMC standard Withstand voltage I/P-OP: 3KVAC/min I/P-FG: 1.5KVAC/min O/P-FG: 0.5KVAC/min No damage Cutout current:3.5 mA max</p> <p>MTBF Connection 10⁵h at 25℃ I/P:JTB552-00-1-05-3-M9 O/P:JTB552-00-1-02-3-M9</p> <p>Weight 0.5Kg/pcs</p>
--	--

P/N 型号	DC Output 输出	Tol. 容差	R&N 纹波&噪声	Effi. 效率	Load Regulation 负载调整率	Line Regulation 线性调整率
ESP-20-13.8	13.8VDC 0~1.5A	±2%	140mV	80%	±2%	±1%
ESP-20-27.6	27.6VDC 0~0.75A	±2%	240mV	82%	±2%	±1%

充电开关电源

Power supply with charging function



42 W 单路充电电源 (230V AC输入)
42 W Single output (230V AC input only)

Approval:CE

Size(L×W×H): 130mm×98mm×42mm

<p>产品特性:</p> <ul style="list-style-type: none"> ● 230VAC输入 ● 绿色指示灯 ● 金属外壳 ● 过载/短路保护 ● 电池反充保护 ● 100%满载老化测试 ● 一年质保 <p>技术参数:</p> <p>AC输入电压 195~253 VAC 输入频率 50/60Hz 冲击电流 40A@ 230VAC 全载冷态 维持时间 20 ms at 230VAC,全载 过载保护 300% I₀ 运行温度 0 ~ 45℃ 储存温度 -20 ~ 70℃ 运行湿度 5%~90% RH 不凝固 安全标准 EN60950 EN501301-4 EN50081 EN54-4:1997</p> <p>EMC 标准 EN55022 绝缘标准 I/P-OP:3KVAC/min I/P-FG:1.5KVAC/min O/P-FG: 0.5KVAC/min 切断电流:3.5mA max</p> <p>MTBF 10⁵h at 25℃ 连接件 输入端子: JTB552-00-1-05-3-M9 输出端子: JTB552-00-1-02-3-M9</p> <p>重量 0.5Kg/pcs</p>	<p>Product features:</p> <ul style="list-style-type: none"> ● 230VAC input only ● Power on indication ● Metal case ● Protections: Overload/Short circuit ● Battery reverse charge protection ● 100% full load burn in test ● One year warranty <p>Specifications:</p> <p>AC input voltage 195~253 VAC Input frequency 50/60Hz Inrush current 40A@230VAC full load cold start Hold up time 20 ms at 230VAC,full load Overload protection 300% I₀ Operating temperature 0 to 45℃ Storage temperature -20 to 70℃ Operating humidity 5%~90% RH non-condensing</p> <p>Safety standards EN60950 EN501301-4 EN50081 EN54-4:1997</p> <p>EMC standard EN55022 Withstand voltage I/P-OP: 3KVAC/min I/P-FG: 1.5KVAC/min O/P-FG: 0.5KVAC/min No damage Cutout current:3.5 mA max</p> <p>MTBF 10⁵h at 25℃ Connection I/P:JTB552-00-1-05-3-M9 O/P:JTB552-00-1-02-3-M9</p> <p>Weight 0.5Kg/pcs</p>
---	---

P/N 型号	DC Output 输出	Tol. 容差	R&N 纹波&噪声	Effi. 效率	Load Regulation 负载调整率	Line Regulation 线性调整率
ESP-42-13.8	13.8VDC 0~3A	±2%	120mV	70%	±2%	±1%
ESP-42-27.6	27.6VDC 0~1.5A	±2%	240mV	70%	±2%	±1%

充电开关电源

Power supply with charging function



70 W 单路充电电源 (230V AC输入)
70 W Single output (230V AC input only)

Approval:CE

Size(L×W×H): 160mm×98mm×42mm

<p>产品特性:</p> <ul style="list-style-type: none"> ● 230VAC输入 ● 绿色指示灯 ● 金属外壳 ● 过载/短路保护 ● 电池反充保护 ● 100%满载老化测试 ● 一年质保 <p>技术参数:</p> <p>AC输入电压 195~253 VAC 输入频率 50/60Hz 冲击电流 40A@ 230VAC 全载冷态 维持时间 20 ms at 230VAC,全载 过载保护 300% I_o 运行温度 0 ~ 45℃ 储存温度 -20 ~ 70℃ 运行湿度 5%~90% RH, 不凝固 安全标准 EN60950 EN501301-4 EN50081 EN54-4:1997 EN55022</p> <p>EMC 标准 绝缘标准 I/P-OP:3KVAC/min I/P-FG:1.5KVAC/min O/P-FG: 0.5KVAC/min 切断电流:3.5mA max</p> <p>连接件 I/P:DG128 三位绝缘端子 O/P: DG128 两位绝缘端子</p> <p>MTBF 10⁵h at 25℃ 重 量 0.65Kg/pcs</p>	<p>Product features:</p> <ul style="list-style-type: none"> ● 230VAC input only ● Power on indication ● Metal case ● Protections: Overload/Short circuit ● Battery reverse charge protection ● 100% full load burn in test ● One year warranty <p>Specifications:</p> <p>AC input voltage 230VAC Input frequency 50/60Hz Inrush current 40A@230VAC full load cold start</p> <p>Hold up time 20 ms at 230VAC,full load Overload protection 300% I_o Operating temperature 0 to 45℃ Storage temperature -20 to 70℃ Operating humidity 5%~90% RH, non-condensing Safety standards EN60950 EN501301-4 EN50081 EN54-4:1997</p> <p>EMC standard EN55022 Withstand voltage I/P-OP: 3KVAC/min I/P-FG: 1.5KVAC/min O/P-FG: 0.5KVAC/min No damage Cutout current:3.5 mA max 10⁵h at 25℃</p> <p>MTBF Connection I/P:DG128 three position insulated terminal block O/P: DG128 two position insulated terminal block</p> <p>Weight 0.65Kg/pcs</p>
--	--

P/N 型号	DC Output 输出	Tol. 容差	R&N 纹波&噪声	Effi. 效率	Load Regulation 负载调整率	Line Regulation 线性调整率
ESP-70-13.8A	13.8VDC 0~5A	±2%	120mV	75%	±2%	±1%
ESP-70-27.6A	27.6VDC 0~2.5A	±2%	240mV	80%	±2%	±1%

充电开关电源

Power supply with charging function



140 W 单路充电电源 (230V AC输入)
140 W Single output (230V AC input only)

Approval:CE

Size(LxWxH): 200mmx110mmx50mm

<p>产品特性:</p> <ul style="list-style-type: none"> ● 230VAC输入 ● 绿色指示灯 ● 金属外壳 ● 过载/短路保护 ● 电池反充保护 ● 100%满载老化测试 ● 一年质保 <p>技术参数:</p> <p>AC输入电压 195~253VAC 输入频率 50/60Hz 冲击电流 40A@ 230VAC 全载冷态 维持时间 20 ms at 230VAC,全载 过载保护 300% I_o 运行温度 0 ~ 45℃ 储存温度 -20 ~ 70℃ 运行湿度 5%~90% RH, 不凝固 安全标准 EN60950 EN501301-4 EN50081 EN54-4:1997</p> <p>EMC 标准 绝缘标准 EN55022 I/P-OP:3KVAC/min I/P-FG:1.5KVAC/min O/P-FG: 0.5KVAC/min 切断电流:10mA max</p> <p>MTBF 连接件 10⁵h at 25℃ I/P:DG128 三位绝缘端子 O/P: DG128两位绝缘端子</p> <p>重量 0.9Kg/pcs</p>	<p>Product features:</p> <ul style="list-style-type: none"> ● 230VAC input only ● Power on indication ● Metal case ● Protections: Overload/Short circuit ● Battery reverse charge protection ● 100% full load burn in test ● One year warranty <p>Specifications:</p> <p>AC input voltage 195~253VAC Input frequency 50/60Hz Inrush current 40A@230VAC full load cold start Hold up time 20 ms at 230VAC,full load Overload protection 300% I_o Operating temperature 0 to 45℃ Storage temperature -20 to 70℃ Operating humidity 5%~90% RH, non-condensing Safety standards EN60950 EN501301-4 EN50081 EN54-4:1997</p> <p>EMC standard EN55022 Withstand voltage I/P-OP: 3KVAC/min I/P-FG: 1.5KVAC/min O/P-FG: 0.5KVAC/min No damage Cutout current:10mA max</p> <p>MTBF Connection 10⁵h at 25℃ I/P:DG128 three position insulated terminal block O/P: DG128 two position insulated terminal block</p> <p>Weight 0.9Kg/pcs</p>
---	---

P/N 型号	DC Output 输出	Tol. 容差	R&N 纹波&噪声	Effi. 效率	Line Regulation 线性调整率
ESP-140-13.8	13.8VDC 0~10A	±2%	120mV	76%	±1%
ESP-140-27.6	27.6VDC 0~5A	±2%	240mV	80%	±1%