

PFC开关电源

Power supply with PFC



100 W 单路输出 (PFC)
100 W Single output (With PFC)

Approval:CE

Size(LxWxH): 179mmx99mmx45mm

产品特性:

- 全范围电压输入
- PF>0.96@115VAC,>0.93@230VAC
- 通电LED显示
- 自然风冷
- 过载/过压/短路保护
- 100%老化测试
- 一年质保

技术参数:

AC输入电压	100-240VAC
输入频率	47~63Hz
冲击电流	40A @230VAC 20A @110VAC 全载冷态
维持时间	20ms
过流保护	105~150% 自动恢复
过压保护	105~140%
运行温度	0 ~ 40℃
安全标准	UL60950
EMC标准	EN55022 class B
MTBF	10 ⁵ h at 25℃
绝缘标准	I/P-O/P 3KV, I/P-FG:1.5KV,1min/5mA
连接件	7P/9.5mm 端子排
重量	0.66Kg/pcs

Product features:

- Universal AC input/ full range
- PF>0.96@115VAC,>0.93@230VAC
- LED indicator for power on
- Air cooling
- Protections: Overload /Over voltage /Short circuit
- 100% full load burn-in test
- One year warranty

Specifications:

AC input voltage	100-240VAC
Input frequency	47~63Hz
Inrush current	40A@ 230VAC 20A @ 110VAC full load cold start
Hold up time	20 ms
Over current protection	105~150% Auto-recovery
Over voltage protection	105~140%
Operating temperature	0 to 40℃
Safety standard	UL60950
EMC standard	EN55022 class B
MTBF	10 ⁵ h at 25℃
Withstand Voltage	I/P-O/P:3KV I/P-FG:1.5KV,1min/5mA
Connection	7P/9.5mm pitch terminal block with cover
Weight	0.66Kg/pcs

P/N 型号	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
ESF-100-3.3	3.3V,0~20A	±2%	100mV	70%	±2%	±2%
ESF-100-5	5V,0~20A	±2%	100mV	75%	±2%	±2%
ESF-100-12	12V,0~8.4A	±2%	100mV	78%	±1%	±1%
ESF-100-24	24V,0~4.2A	±1%	200mV	80%	±1%	±1%
ESF-100-48	48V,0~2.1A	±1%	300mV	80%	±1%	±1%

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200 W 单路输出 (PFC)
200 W Single output (With PFC)

Approval:CE

Size(LxWxH): 199mmx99mmx50mm

<p>产品特性:</p> <ul style="list-style-type: none"> ● 全范围电压输入 ● PF>0.98@115VAC,>0.93@230VAC ● 通电指示 ● 内置风扇风冷 ● 过载/过压/短路/过热保护 ● 100%老化测试 ● 一年质保 <p>技术参数:</p> <p>AC输入电压 90~264VAC 输入频率 47~63Hz 冲击电流 70A @230VAC 全载冷态 35A @115VAC 全载冷态</p> <p>启动时间 1sec @ 230VAC 维持时间 20ms@80%负载,120VAC 过载保护 105~150% 过压保护 110~135% 运行温度 0 ~ 50℃ 安全标准 UL1950, CSA 22.2 No, EN60950, CE Mark</p> <p>EMC标准 EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11</p> <p>MTBF 10⁵ h at 25℃ 绝缘标准. I/P-O/P:3KVAC, 1min I/P-FG:1.5KVA, 1min</p> <p>连接件 7P/9.5mm 端子排 重量 0.85Kg/pcs</p>	<p>Product features:</p> <ul style="list-style-type: none"> ● Universal AC input/ Full range ● PF>0.98@115VAC,>0.93@230VAC ● Power on indication ● Forced air cooling by built-in DC fan ● Protections: Short circuit /Over voltage/Over load/ Over temperature ● 100% full load burn-in test ● One year warranty <p>Specifications:</p> <p>AC input voltage 90~264VAC Input frequency 47~63Hz Inrush current: 70A@ 230VAC 35A @ 115VAC full load cold start</p> <p>Set-up time 1sec @ 230VAC Hold up time 20 ms@80% load, 120Vac Overload protection 105~150% Over voltage protection 110~135% Operating temperature 0 to 50℃ Safety standards UL1950, CSA 22.2 No, EN60950, CE Mark</p> <p>EMC standards EN55022 class B, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11</p> <p>MTBF 10⁵ h at 25℃ Withstand Voltage I/P-O/P:3KVAC,1min I/P-FG:1.5KVA,1min</p> <p>Connection 7P/9.5mm pitch terminal block with cover Weight 0.85Kg/pcs</p>
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P/N 型号	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
ESF-200-5	5V,0~40A	±2%	100mV	70%	±2%	±2%
ESF-200-12	12V,0~16.7A	±2%	100mV	78%	±2%	±1%
ESF-200-24	24V,0~8.4A	±2%	150mv	83%	±2%	±1%
ESF-200-48	48V,0~4.2A	±2%	250mv	84%	±2%	±1%

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300 W 单路输出 (PFC)
300 W Single output (With PFC)

Approval:CE

Size(LxWxH): 215mmx115mmx50mm

产品特性:

- 全范围电压输入
- PF>0.98 at 115VAC;
PF>0.95 at 230VAC
- 通电显示灯
- 风扇冷却
- 过载/过压/短路/过热保护
- 100%老化测试
- 一年质保

技术参数:

AC输入电压 88~264VAC,
常规100~240VAC

输入频率 47~63Hz

冲击电流 60A @230VAC 全载冷态
30A @110VAC 全载冷态

维持时间 20ms

过载保护 105~150%

运行温度 0~40℃

安全标准 UL60950-1

EMC标准 EN55022 CLASS B
EN61000-3-2,3
EN61000-4-2,3,4,5,6,8,11

MTBF 10⁵ h at 25℃

绝缘标准 I/P-O/P:3KV, 1min/5mA
I/P-FG:1.5KV, ,1min/5mA

重量 1.1Kg/pcs

Product features:

- Universal AC input/ Full range
- PF>0.98 at 115VAC
PF>0.95 at 230VAC
- Power on indication
- Fan cooling
- Protections: Overload/Short circuit/Over voltage/
Over temperature
- 100% full load burn-in test
- One year warranty

Specifications:

AC input voltage 88~264VAC
Nominal 100~240VAC

Input frequency 47~63Hz

Inrush current: 60A@ 230VAC
30A @ 110VAC
full load cold start

Hold up time 20 ms

Over load protection 105~150%

Operating temperature 0 to 40℃

Safety standard UL60950-1

EMC standards EN55022 CLASS B
EN61000-3-2,3
EN61000-4-2,3,4,5,6,8,11

MTBF 10⁵ h at 25℃

Withstand Voltage I/P-O/P:3KVAC, 1min/5mA
I/P-FG:1.5KVAC,1min/5mA

Weight 1.1Kg/pcs

P/N 型号	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
ESF-300-5	5V,50A	2%	150mV	75%	2%	2%
ESF-300-12	12V,25A	2%	150mV	79%	1%	1%
ESF-300-24	24V,12.5A	1%	150mV	83%	1%	1%
ESF-300-48	48V,6.2A	1%	240mV	85%	1%	1%