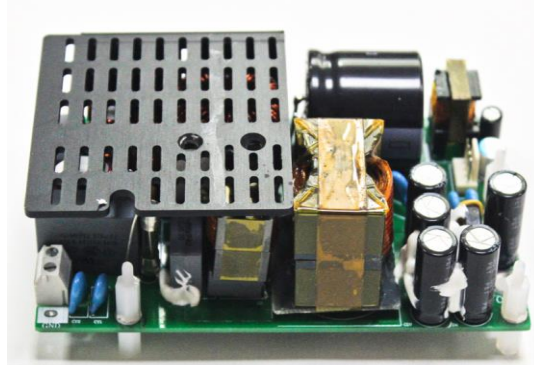


Features

产品特性

- ▲ Efficiency (Typ) (230VAC)
效率: 94%
- ▲ 300W (720W Peak) Convection Cooled, 720W with Forced Air
300W (720W峰值)自然冷却, 720W风冷。
- ▲ Standard 5x3 inches, Slim Design
标准5*3英寸, 薄型设计
- ▲ High Efficiency up to 95%
高转换效率 (95%)
- ▲ Medical Certifications (2×MOPP)
通过医疗安规认证 (2×MOPP)
- ▲ Class B Conduced and Radiated EMI
B级传导辐射
- ▲ Certification: Design to meet IEC60601-1
认证情况 : 设计满足IEC60601-1



Key Market Segments & Applications

应用领域



Industrial



Medical



RoHS

Specifications

规格参数

Input

输入

Input Voltage Range 输入电压	100-240VAC
Input Frequency 输入频率	47-63 Hz
Input Current (115VAC/230VAC) 输入电流	8A/4.2A
Inrush Current (Cold start) (115VAC/230VAC) 浪涌电流	20A/40A
Leakage Current 漏电流	<500uA at 240VAC
Touch Current(Enclosure Leakage) 接触漏电流	
Efficiency (Typ) (230VAC) 效率	94%

Output

输出

Output Voltage(Typ.) 输出电压	24VDC
Rated Current 额定电流	30A
Current Range 电流范围	0.1~30A
Rated Power 额定功率	300W Convection Cooled, 720W with Forced Air

Peak Power 峰值功率	? W
Line Regulation 线性调整率	0.5%
Load Regulation 负载调整率	1%
Start up Time 启动时间	700ms(at full load)
Rise Time 上升时间	20ms (at full load)
Hold up Time (Typ) 保持时间	10ms (at full load)
MAX Ripple & Noise (115VAC/230VAC) 最大纹波和噪声	240mVp-p
Temperature Coefficient (0-50°C) 温度系数	± 0.02%/°C
Overvoltage Protection 过电压保护	30~34.8V, Latching (unit shutdown), cycle AC input to reset
Overcurrent Protection 过流保护	≥ 31.5A,Hiccup mode,automatic recovery
Short Circuit Protection 短路保护	Hiccup mode,automatic recovery
Over Temperature Protection 过温保护	Shutdown. Recover until temperature turns to normal
Standby Voltage 辅电	12V,0.5A
Remote ON/OFF 远程开关	Opto-isolated,inhibit:Low=ON,High=OFF
Environmental 环境	
Operating Temperature 工作温度	-5~+40°C
Storage Temperature 储存温度	-20~+75°C
Operating Humidity (non condensing) 工作湿度	20%-90% RH
Cooling 冷却方式	Convection/ Forced Air
Altitude 工作海拔高度	2000m
Withstand Voltage (For 1 minute) 耐压	Input-FG/PE: 1.5kVAC Input-Output:4.0kVAC Output-FG: 1.5kVAC
Vibration (Non Operating) 耐震动	10-55Hz(1min sweep). 19.6m/s ² ; x,y,z for 1 hour each
Shock 耐冲击	30g Peak , half-sine , 6 axis
EMC & Safety 安规和电磁兼容	
Conducted & Radiated EMI 射频	Designed to meet EN55011/EN55032-B,FCC-ClassB
Harmonic Current 谐波电流	EN61000-3-2 class A ; EN61000-3-2 class C for loads ≥20%
Voltage Flicker 电压闪烁测试	EN61000-3-3 class A
ESD 静电放电扰度	EN61000-4-2,Level 3,Class A

Radiated Susceptibility 辐射抗扰度	EN61000-4-3,Level 3,Class A
Electrical Fast Transient Burst 脉冲群抗扰度	EN61000-4-4,Level 3,Class A
Surge Susceptibility 浪涌	EN61000-4-5,Level 3,Class A
Conducted Susceptibility 传导抗扰度	EN61000-4-6,Level 3,Class A
Magnetic fields 磁场抗扰度	EN61000-4-8,Level 3,Class A
Voltage Dips and input Interruptions 瞬跌与中断	EN61000-4-11,0%, 5000ms; 40%,100ms; 70%,10ms;Perf Criteria B, B, A
Isolation Resistance 绝缘电阻	Output-PE: >100MΩ,Output-FG 500VDC
Safety Agency Certifications 安全认证	IEC60601-1,TUV/CE Mark (LVD,EMC)

Other
其他

Weight (typ) 重量	500g
Size (LXWXH) (mm) 尺寸 (长*宽*高)	123.9×76.2×37
Warranty 保修期	Three years

Outline Drawing
外形图

