

Feature特征

- Universal AC input/Full range
国际通用全范围交流输入
- Protections: Short circuit/Over load
短路保护, 过载保护
- Cooling by free air convection自然风冷
- High efficiency,long life and high reliability
高效率, 长寿命和高可靠性
- Using 105℃long life electrolytic capacitors
使用105度长寿命电容器
- 100% full load bure-in test 100%满载老化
- Installed with EMI filter, minimum wave
内装EMI滤波器, 极小纹波

CE RoHS

Specification性能	Model型号		D-100A		D-100B	
	Ch1	CH2	Ch1	CH2		
Dc voltage 直流电压	5V	12V	5V	24V		
Rated current 额定电流	10A	4A	4A	3.5A		
Current range 电流范围	0-10A	0-4A	0-4A	0-3.5A		
Rated power 额定功率	100W		100W			
Ripple & noise 纹波和噪音	Note:1 75mVp-p	120mVp-p	75mVp-p	150mVp-p		
Voltage ADJ. range 电压调整范围	+10%-5%	10%	+10%-5%	10%		
Voltage tolerance 电压精度	Note:2 ±2.0%	±5.0%	±2.0%	±7.0%		
Line regulation 线性调整率	Note:3 ±1%	±2%	±1%	±2%		
Load regulation 负载调整率	Note:4 ±2%	±4%	±2%	±4%		
Setup, rise, hold up time 启动, 上升, 保持时间	500ms, 50ms, 60ms/230VAC					
Input voltage range 输入电压范围	85-132VAC/170-264VAC, 47-63HZ, Selected by switch由开关选择					
Efficiency 效率	78%		80%			
Input current 输入电流	2.4A/115V 1.3A/230V					
Inrush current 浪涌电流	Cold start冷启动: 40A/230V					
Leakage current 漏电流	<2mA / 240VAC					
Overload protection 过载保护	105%-150%Rated output power; Type:Hiccup; Reset:auto recovery 105%-150%额定输出的功率; 模式: 打嗝模式; 复位: 自动恢复					
Working temp humidity 工作温度, 湿度	-25~+70°C, 20 ~ 90% RH					
Storage temp humidity 储存温度, 湿度	-40~+85°C, 10 ~ 95% RH					
Temp coefficient 温度系数	±0.03%/°C (0 ~ 50°C) (+5V)					
Vibration 耐振动	10 ~500Hz, 2G 10min/cycle周期, X、Y、Z Each axes轴各60min					
Withstand voltage 耐压性	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC					
Isolation resistance 隔离电阻	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH					
Safety standards 安全标准	Meet UI1012 requirement (Not apply for the mark) 满足UL1012要求 (不申请标记)					
EMC standards EMC标准	Meet FCC part 15J condition class B		满足FCC部分15J条件, 等级B			
Overall dimension 外形尺寸	199x110x50mmmm					
Weight 重量	0.8Kg					

Note:1.Ripple & noise are measured at 20MHZ of bandwidth by using 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor;
纹波和噪声测量方法: 20HZ带宽下测量, A12双绞线, 终端并0.1uF&47uF的电容器;

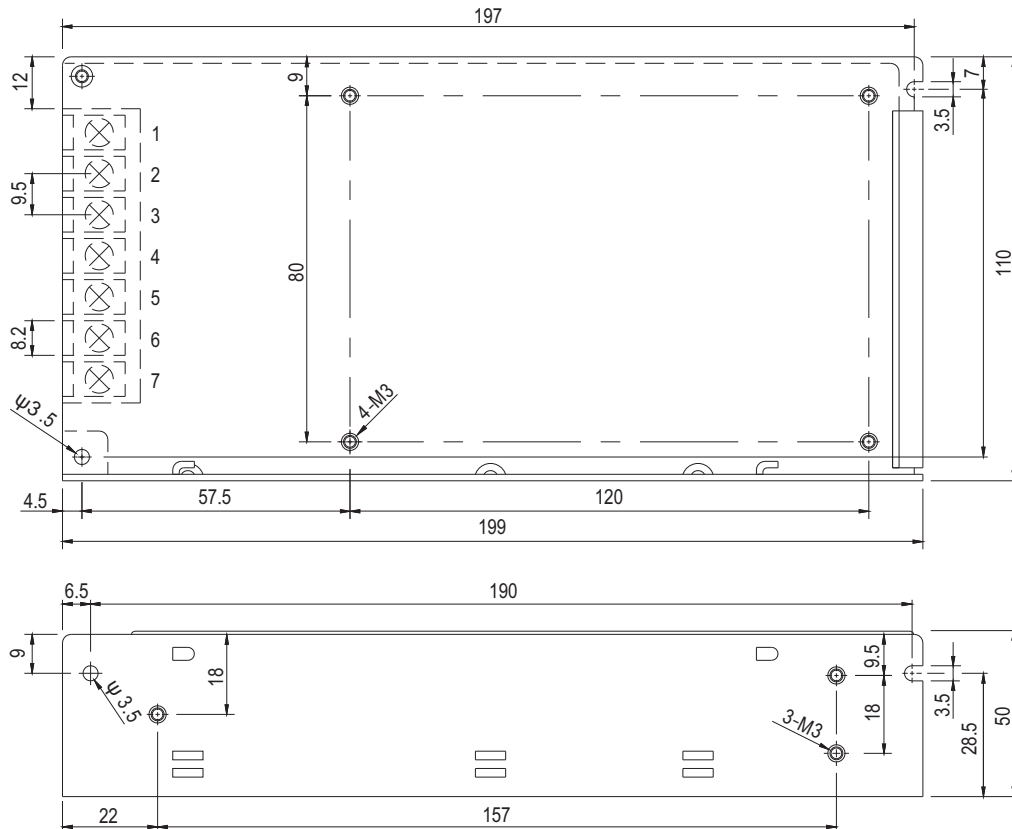
Note:2.Tolerance:includes set up tolerance, line regulation and load regulation;
精度: 包括设定误差, 线性调整率, 负载调整率;

Note:3.Line regulation is measured from low line to hige line at rated load;
线性调整率测量方法: 在额定负载下, 从低电压到高电压测试;

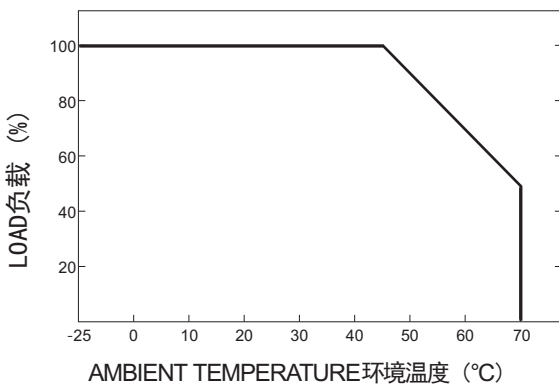
Note:4.Load regulation is measured from 0% to 100% rated load.
负载调整率测量方法: 负载从0%到100%

■ Mechanical Specification 结构尺寸

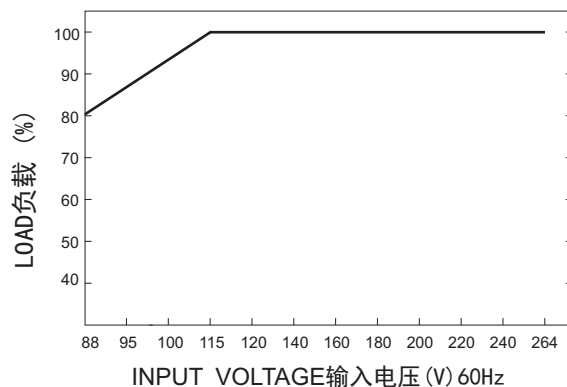
Unit 单位: mm



■ Derating Curve 降额曲线



■ Output Derating VS Input Voltage 静态特性曲线



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