



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°C long life electrolytic capacitors
使用105度长寿命电容器
- 100% full load burn-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		Q-180B				Q-180D			
	Ch1	CH2	Ch3	CH4	Ch1	CH2	Ch3	CH4		
Dc voltage 直流电压	5V	12V	-5V	-12V	5V	12V	24V	-12V		
Rated current 额定电流	13A	6A	2A	2A	13A	4A	2A	1.5A		
Current range 电流范围	0-13A	0-6A	0-6A	0-6A	0-13A	0-4A	0-2A	0-1.5A		
Rated power 额定功率	180				180					
Ripple & noise 纹波和噪音	80mVp-p	120mVp-p	100mVp-p	120mVp-p	80mVp-p	120mVp-p	120mVp-p	120mVp-p		
Voltage ADJ. range 电压调整范围	+10%-5%	+10%-5%	+10%-5%	+10%-5%	+10%-5%	+10%-5%	+10%-5%	+10%-5%		
Voltage tolerance 电压精度	±2.0%	±5.0%	±5.0%	±5.0%	±2.0%	±8.0%	±8.0%	±8.0%		
Line regulation 线性调整率	±0.5%	±1%	±1%	±1%	±0.5%	±1%	±1%	±1%		
Load regulation 负载调整率	±0.5%	±5%	±5%	±5%	±0.5%	±5%	±8%	±5%		
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	77%				79%					
Input current 输入电流	3.8A/115V 1.9A/230V									
Inrush current 浪涌电流	Cold start冷启动: 52A/230V									
Leakage current 漏电流	<3.5mA / 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	199x110x50mm									
Weight 重量	0.88Kg									

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;

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 high line at rated load;

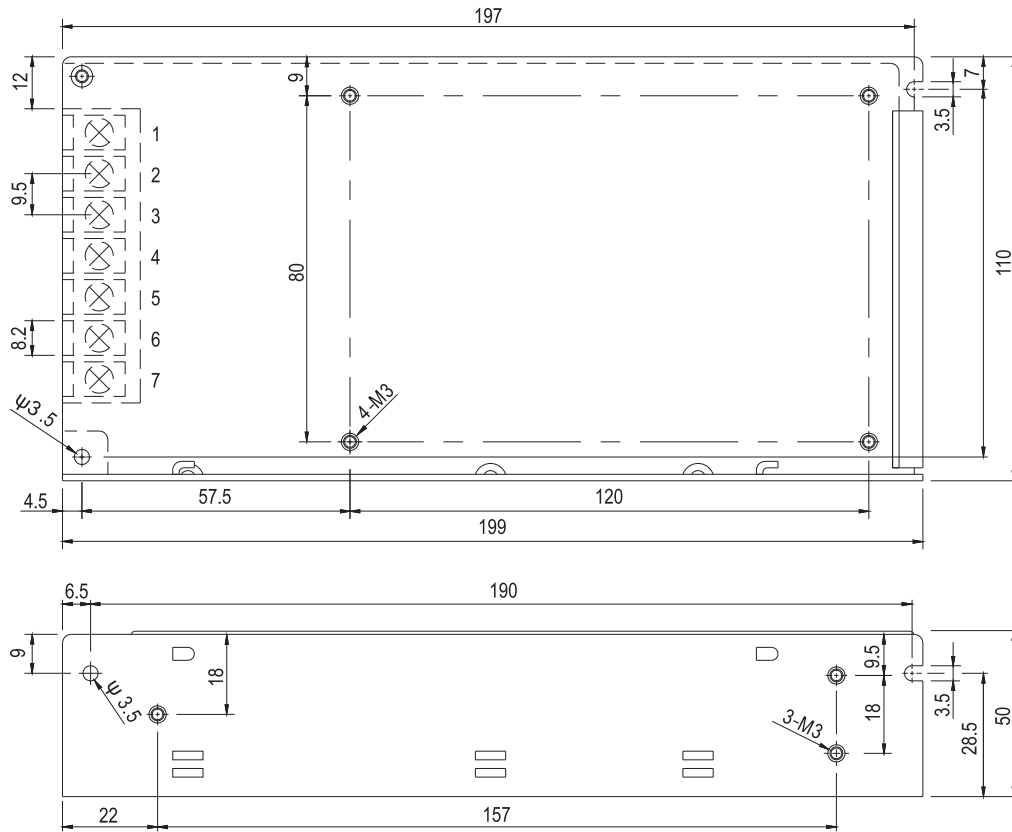
线性调整率测量方法: 在额定负载下, 从低电压到高电压测试;

Note: 4. Load regulation is measured from 0% to 100% rated load.

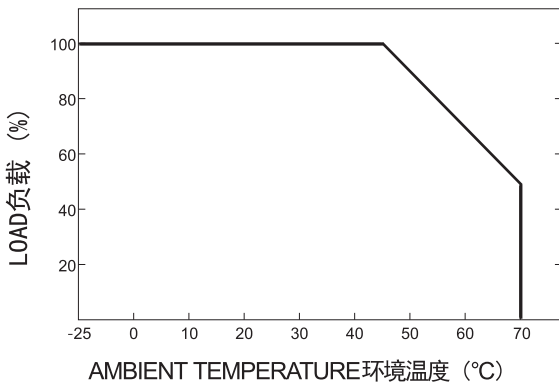
负载调整率测量方法: 负载从0%到100%

■ Mechanical Specification 结构尺寸

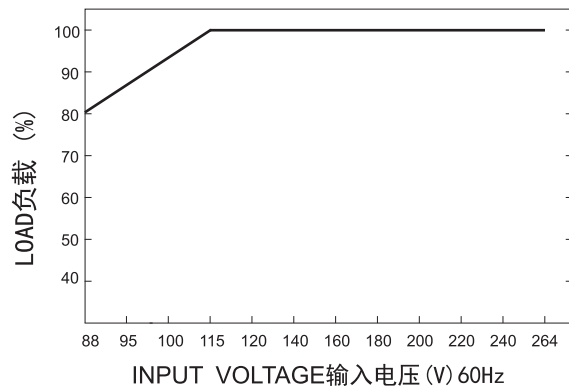
Unit 单位: mm



■ Derating Curve 降额曲线



■ Output Derating VS Input Voltage 静态特性曲线



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