



CYV-240-12(AC110V)Waterproof Series

◆ Features:

- Enclosed sealed cover,IP67 level
- Free air cooling
- Protections: Short Circuit/Over Load
- 100% full load aging test
- Design refer to CCC certificate
- 2 years warranty



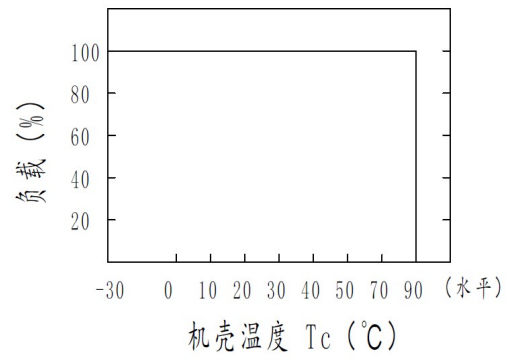
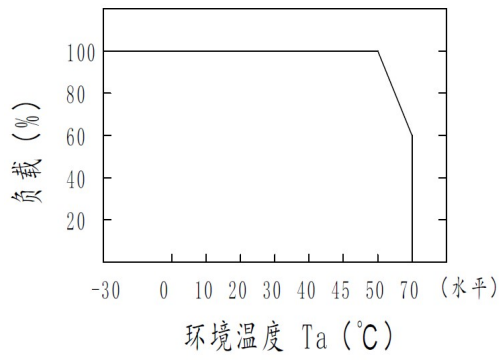
Specifications

Model		CYV-240-12 (AC100V)				
Output	DC voltage	12V				
	Rated current	16.7A				
	Current range	0~16.7				
	Rated power	200.4W				
	Ripple&Noise	350mVp-p				
	Voltage regulation ratio	--				
	Voltage accuracy	±3.0%				
	Line adjustment ratio	±0.5%				
	Load adjustment ratio	±2%				
	Rise time	1200ms, 25ms/115VAC load100%				
Hold up time(Typ)	15ms/115VAC load100%					
Input	Voltage range	90~132VAC				
	Frequency range	47~63HZ				
	PFC(Typ)	PF≥0.5				
	Efficiency(Typ)	≥91.5%				
	AC	115VAC	3.6A			
	Inrush current(Typ)	40A/115VAC				
Leakage current	<1mA/240VAC					
Protect ions	Over load	105~175% of rated power				
	Short circuit	Hiccup,auto recovery				
	Over voltage					
	Over temp.					
Enviro ment	Working temp.	-30°C~+70°C (Refer to temperature derating curve)				
	Working humidity	20~95%RH no-condensing				
	Storage Temp.	-40°C~+85°C				
	Storage humidity	10~95%RH no-condensing				
	Temp. coefficient	±0.03%/°C (0~60°C)				
	Vibration resistance	10~500Hz, 2G, 10min/cycle, X、Y、Z 60min in each direction				
EMC	Safety Standards	Design refer to GB4943-2001, UL60950-1				
	Withstand voltage	I/P-O/P:3KV AC、I/P-FG: 1.5KV AC、O/P-FG: 0.5KV AC				
	Isolation resistance	I/P-O/P、I/P-FG、O/P-FG: >100MΩ/500VDC/25°C/70%RH				
Others	EMC	Design refer to GB9254,EN55015 class B				
	MTBF	100000 hours(25°C)				
	Size	191.5*56*36 (L*W*H)				
Package	20pcs/carton, 0.64Kg					
Remarks	<p>*In order to extend the lifetime, it is recommended to configure the load more than 30% of the remaining allowance. For example: the power of the device requires 100W, then use the power of not less than 130W.</p> <p>*Ripple test method: 20MHz oscilloscope in power output terminal test, oscilloscope probe wire length is not more than 12mm, and input parallel 47uF electrolytic capacitors and 0.1uF high frequency capacitance probe.</p> <p>*All electrical performance tests are done at 25°C.</p>					

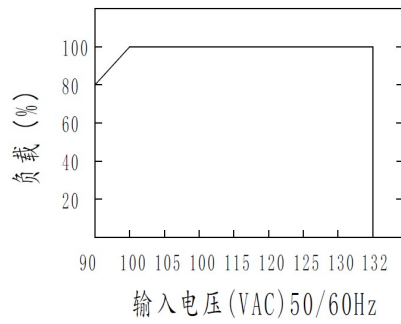


Load temperature drop curve

■ 输出负载 vs 温度:



■ 静态特性曲线:



Label



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Installation drawing

机械加工公差尺寸极限偏差
参考 ISO2768 MK 一般加工标准

尺寸范围	公差范围 mm
0.5-6	+/-0.05
6-30	+/-0.1
30-120	+/-0.15
120-400	+/-0.2
400-1200	+/-0.3

版本号	绘制(修改)时间	修改内容
A0	2019.12.19	初始版本图纸。

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张伟	CYV-300安装尺寸图	批准	投影 标识
2019.12.19	审核		第1页 共1页
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