



常州市创联电源科技股份有限公司

Changzhou Chuanglian Power Supply Technology Corporation

承认书

CERTIFICATE FOR CONFIRMATION

客户名称 (CUSTOMER) : _____
客户料号 (PART NO.) : _____
产品名称 (PART NAME) : Switching Power Supply
产品规格 (DESCRIPTION) : CV-10WP Series
编制日期 (DATE) : _____

制定 (Engineer)	审核 (Supervisor)	核准 (Engineer Manager)
承认 (Engineer)	审核 (Supervisor)	核准 (Engineer Manager)

注:此承认书一式二份,请签核完后寄回我司一份保存。

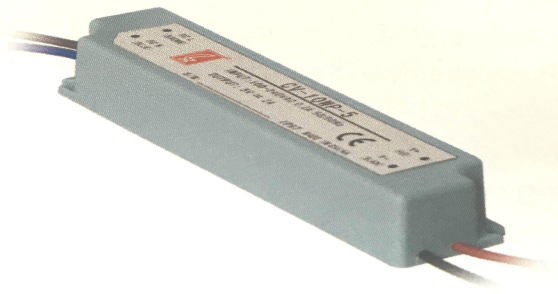
Remark:This certification is in duplicate,please send us a copy signing.

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编号:



CV-10WP Series Switching Power Supply



◆ Features:

- low cost,high realiablity
- Protection: Over load,short circuit
- 100% pass full load aging test
- IP67
- 2 years warranty

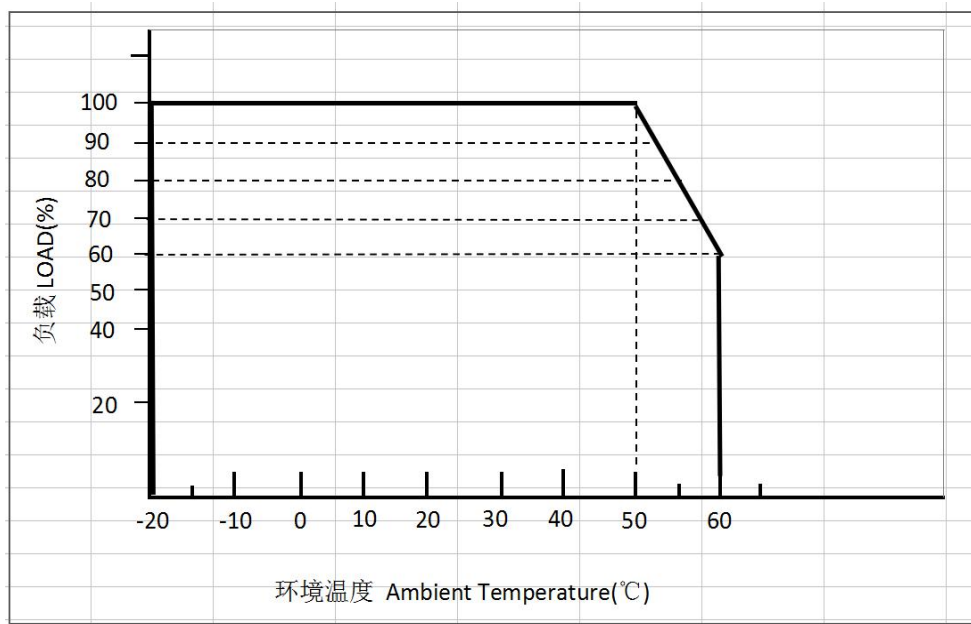
Electrical Specification

PN			CV-10WP-5	CV-10WP-12	CV-10WP-15	CV-10WP-24
Output	Output voltage		5V	12V	15V	24V
	Rated current		2A	0.83A	0.67A	0.42A
	Current range		0~2A	0~0.83A	0~0.67A	0~0.42A
	Rated Power		10W	10W	10W	10W
	Ripple&Noice		300mVp-p	300mVp-p	300mVp-p	300mVp-p
	Voltage ADJ range		4.5~5.5V	10.8~13.2V	13.5~16.5V	21.6V~26.4V
	Voltage tolerance		±5%	±5%	±5%	±5%
	Line regulation		±1%	±1%	±1%	±1%
	Load regulation		±2%			
	Stepup, rise time		2000mS, 50mS/rated load			
	Hold up time (Typ)		16mS/rated load			
Input	Voltage range		100~240VAC			
	Frequency range		47~63HZ			
	PFC (Typ)		PF≥0.5			
	Efficiency (Typ)		≥70%	≥76%	≥80%	≥80%
	AC current	100VAC	0.2A			
		240VAC	0.1A			
	Inrush current (Typ)		cold start max 40A/230VAC			
Protection	over load		rated load range 110%~250%, cut-off output when over load, auto-recovery after back to normal load range			
	short circuit		cut-off output, recovers automatically after fault condition is removed			
Environment	working temperature		-20℃~+50℃@100% load, +60℃@60% load 90VAC@80% load			
	working humidity		20~90%RH			
	Storage temperature		-20℃~+85℃			
	storage humidity		10~95%RH			
	temperature coefficient		±0.03%/℃ (0~50℃)			
	vibration-proof		10~500Hz, 2G, 10min/1 cycle, period of 60 mins each along X、Y、Z axes			
Safety & EMC&EMI	Safety standards		符合UL1310			
	Withstand voltage		I/P-O/P: 3.0KVAC			
	Isolation resistance		I/P-O/P: 100MΩ/500VDC			
	EMC		符合:GB17625.1;EN55022, GB9254 ;EN61000-3-2, -3			
	Harmonic current		符合:GB17625.1;EN61000-3-2, -3 limit requirement			
	EMI		符合:EN55024 ;EN61000-4-2, 3, 4, 5, 6, 8, 11			
Other	Life		100,000 hours			
	Size		130*25*21mm (L*W*H)			
Rmarks	*In order to extend the lifetime, it is recommended to configure the load no more than 30% of the remaining allowance. For example: the power of the device requires 100W, then use the power of less than 130W. *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.					

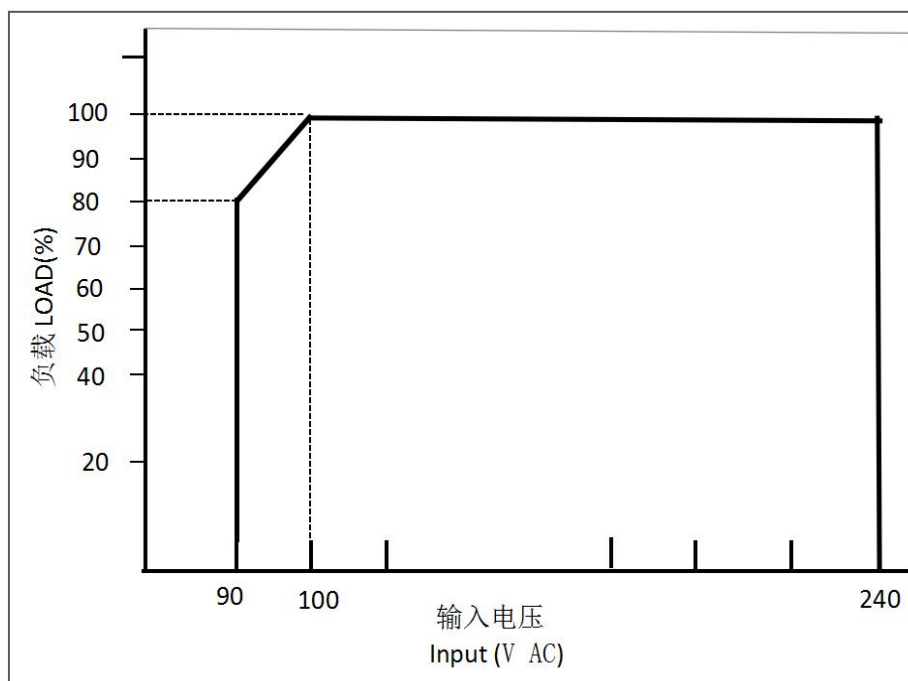


CV-10WP Series Switching Power Supply

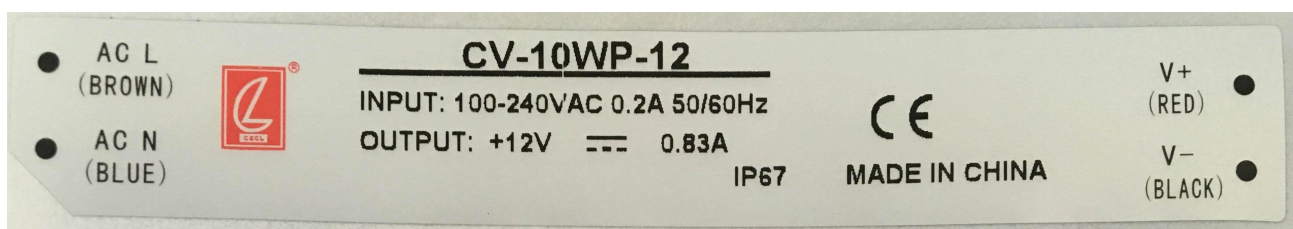
Load temperature drop curve



load current--Input voltage drop curve

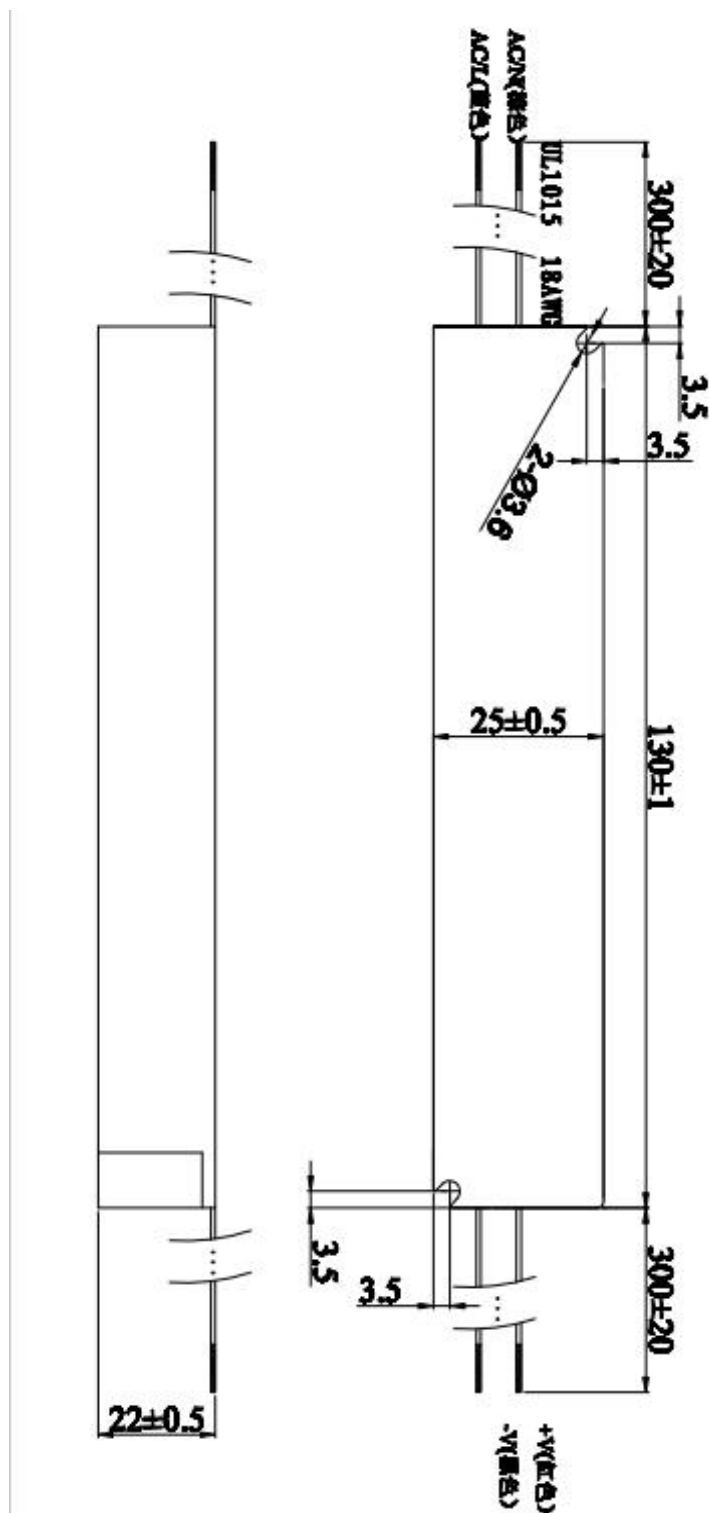


Label





Drawing:



Pin No.	Assignment	Pin No.	Assignment
BROWN	AC/L	BLACK	DC output (-V)
BLUE	AC/N	RED	DC output (+V)