



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) : 开关电源
产品规格 (DESCRIPTION) : CV-20WQ系列
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-20WQ系列开关电源



◆ Features:

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

Electrical Specification

PN			CV-20WQ-5	CV-20WQ-12	CV-20WQ-15	CV-20WQ-24	
Output	Output voltage		5V	12V	15V	24V	
	Rated current		3A	1.67A	1.33A	0.84A	
	Current range		0~3A	0~1.67A	0~1.33A	0~0.84A	
	Rated Power		15W	20W	20W	20W	
	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 full load				
Input	Voltage range		100~240VAC				
	Frequency range		47~63HZ				
	PFC (Typ)		PF≥0.5				
	Efficieny (Typ)		≥77%	≥80%	≥82%	≥82%	
	AC current	100VAC	0.5A				
		240VAC	0.2A				
	Inrush current (Typ)		cold start max 70A/230VAC				
Protecti on	over load		rated load range 110%~250%, cut-off output when over load, auto-recoverity after back to normal load range				
	short circuit		cut-off output, recovers automatically after fault condition is remove				
Environm ent	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 ax				
Saftey &EMC&EMI	Saftey standards		according to UL1310				
	Withstand voltage		I/P-O/P: 3.0KVAC				
	Isolation resistance		I/P-O/P: 100MΩ /500VDC				
	EMC		according to:GB17625.1;EN55022, GB9254 ;EN61000-3-2, -3				
	Harmonic current		according to:GB17625.1;EN61000-3-2, -3 limit requirement				
	EMI		according to:EN55024 ;EN61000-4-2, 3, 4, 5, 6, 8, 11				
Other	Life		100,000 hours				
	Size		140*32*25mm (L*W*H)				
Rmarks	*In order to extend the lifetime, it is recommended to configure the load no more than 30% of the remain 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 more than 12mm, and input parallel 47uF electrolytic capacitors and 0.1uF high frequency capacitance pr						

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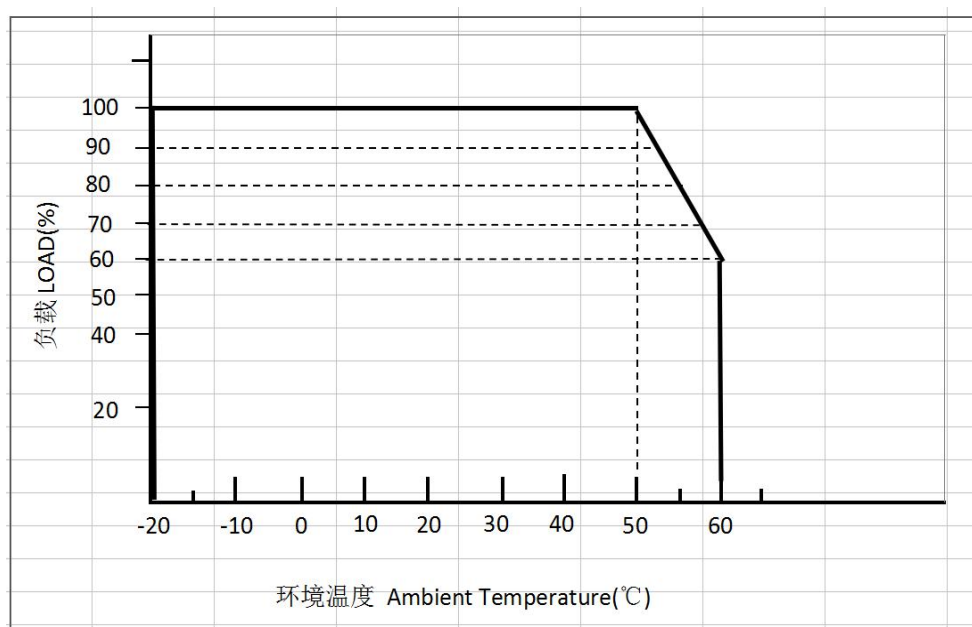
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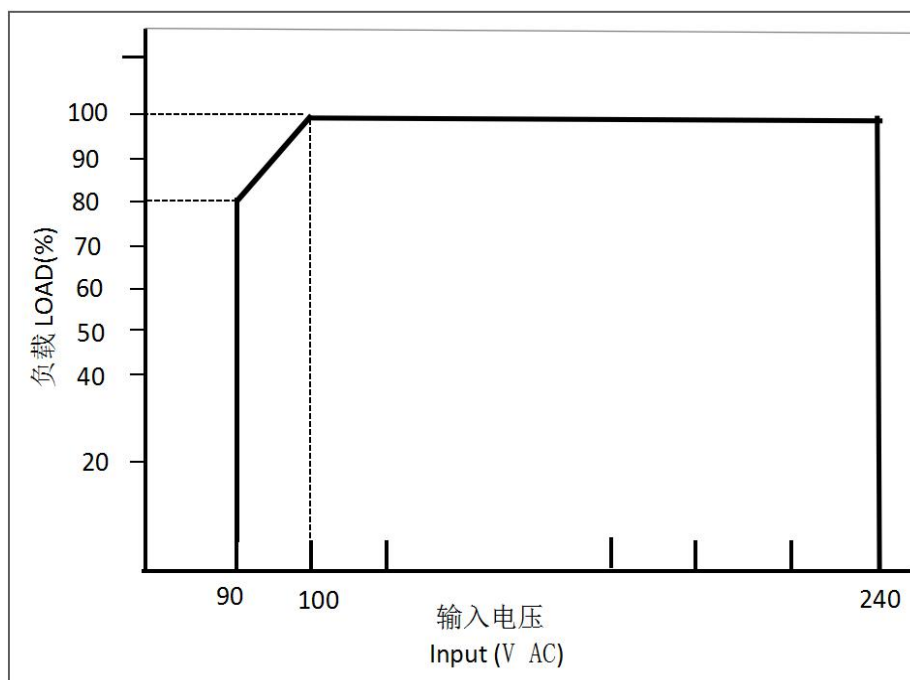


CV-20WQSeries Switching Power Supply

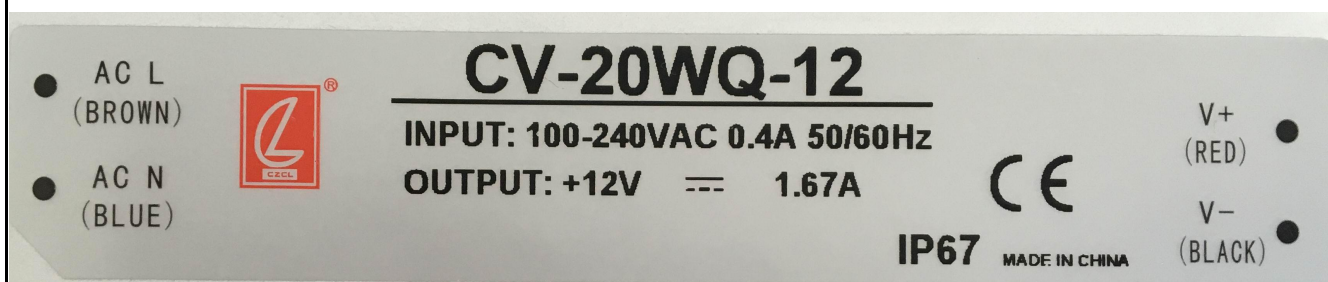
Load temperature drop curve



load current--Input voltage drop curve



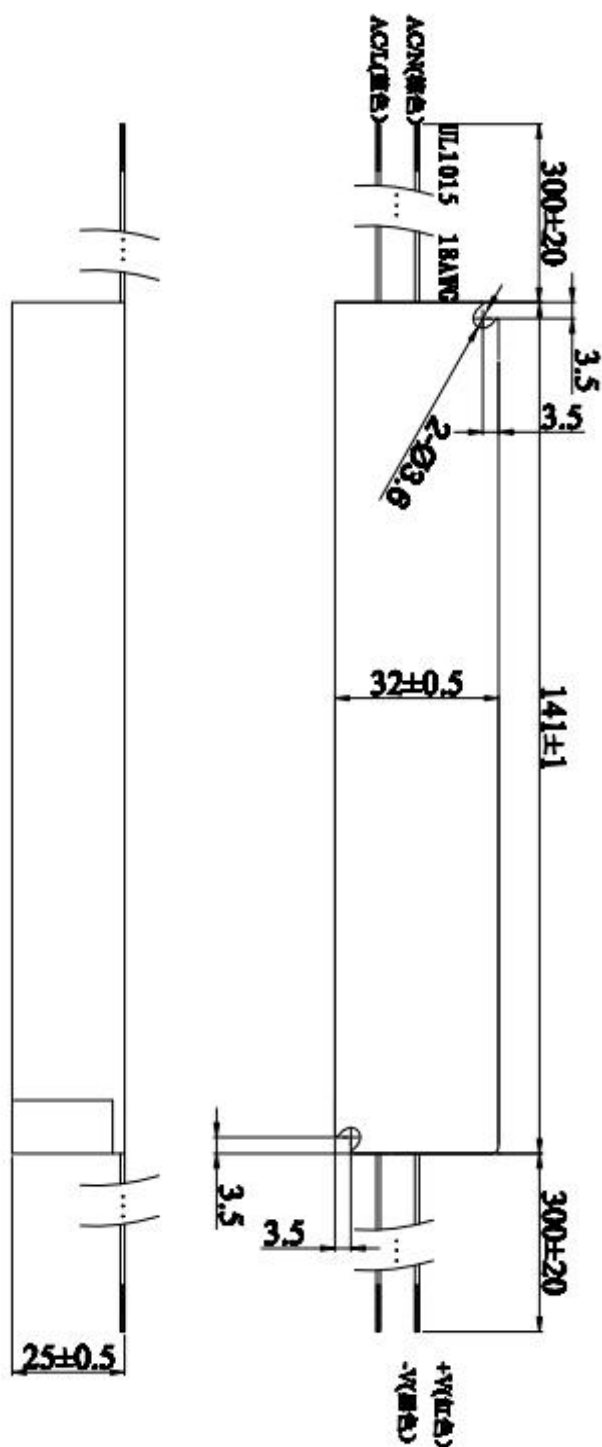
Label





CV-20WQ Series Switching Power Supply

Drawing:



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