

承 认 书

SPECIFICATION FOR APPROVAL

客 户: _____

产品型号: _____ K18C-UP600 _____

产品类型: _____ 开关电源 _____

版本号: _____

文件编号: _____ KH-WI-GC-04 _____

承认日期: _____

审核结果	制定
	核对
	审核

(如果确认后, 请签字回传, 做为以后交货的依据)



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制定	王振	核对	李	审核		日期	2018.03.07	第 1 页 共 4 页
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Features:

- small size, high efficiency;
- international universal voltage input;
- Built-in active PFC function;
- Built-in filter, low noise, high reliability;
- overload, short circuit, under voltage, over voltage, over temperature protection.

Parameter						
Model		K18C-U600S	K18C-UP60	K18C-UP600	K18C-UP600	K18C-UP600S
Parameter		12	0S24	S30	S36	60
Output	Output voltage	+12VDC	+24VDC	+30VDC	+36VDC	+60VDC
	Output current	50A	25A	20A	16.7A	10A
	Rated power	600W	600W	600W	600W	800W
	Ripple and noise	150mVp-p	300mVp-p	350mVp-p	400mVp-p	400mVp-p
	Adjustable output-voltage	11.4-12.6V	22.8-25.2V	28.5-31.5V	34.2-37.8V	57-63V
	Output Accuracy	±1%				
	Line regulation	±0.5%				
	Load Regulation	±1 %				
	Build, rise, keep time	300ms,20ms,12ms				
Input	Input voltage range	100V~240V AC				
	Input current	3.8A/230Vac 7.6A@115Vac				
	Frequency Range	50~60Hz`				
	Efficiency@230Vac	91.5%	92%	93%	93%	94%
	Power factor	PF>0.98/115V OR PF>0.95/230V				
	Inrush current	Cold start 60A/230Vac				
	Leakage current	<0.5mA@240V				
Protection	Over-load protection	105~150%Hiccup-type protection, automatic recovery.				
	short circuit protection	Reboot and return to normal				
	Over-load protection	> 120% shut up, Reboot and return to normal				
	Over-temp. protection	When the TS1 point > 105℃,the power will be protected,then automatic recovery.				
Function	With the power for the cooling fan	12V@0.3A to driver the cooling fan,the deviation is ±15%				
Environment	Working temp.and humidity	-20~70℃, 10~90% RH, No condensation.				
	Storage temp.and humidity	-20~85℃, 10~95% RH				
	Temperature drift	±0.03%/℃(0~50℃)				
	Vibration	10~500Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES				
Safety& EMC Standard	Safety standards	GB4943 EN60950				
	Withstand voltage	I/P-O/P:3KV; I/P-FG: 1.8KV; O/P-FG:0.6KV AC 1min.				
	Insulation resistance	I/P-O/P, I/P-FG, O/P-FG:500VDC / 100M Ohms				
	EMC standard	EN55015				
Others	MTBF	>50K hrs				
	Size	168*82*40mm(L*W*H)				

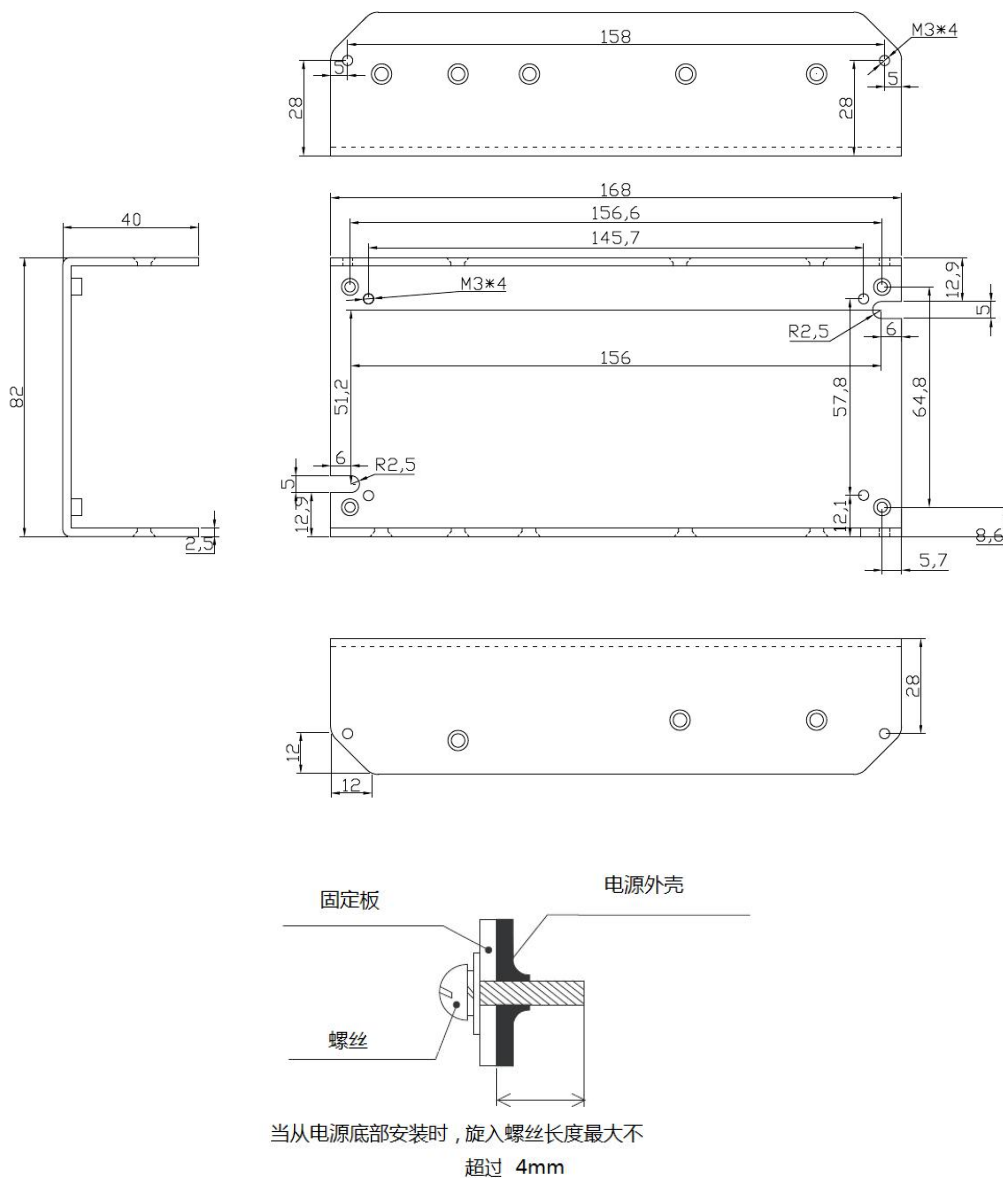
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	weight	0.8 KG
Note	● All parameters measured at 230VAC input, rated load, ambient temperature 25 °C, humidity 70%; ● Accuracy: including setting error, line regulation, load regulation, etc.; ● Ripple test: 30cm long wire to connect the power and load, load and 0.1u and 47u capacitor to 20MHz oscilloscope measured at the load side; ● Line regulation: the rated load conditions, the input voltage measured from low to high changes; ● Load Regulation: measured output from 0 to 100% load change measured load; ● Load more than 400W, the 10CFM(at least) fan cooling must be needed.	

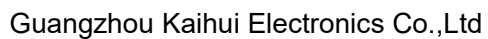
Installation dimension:

Unit: mm



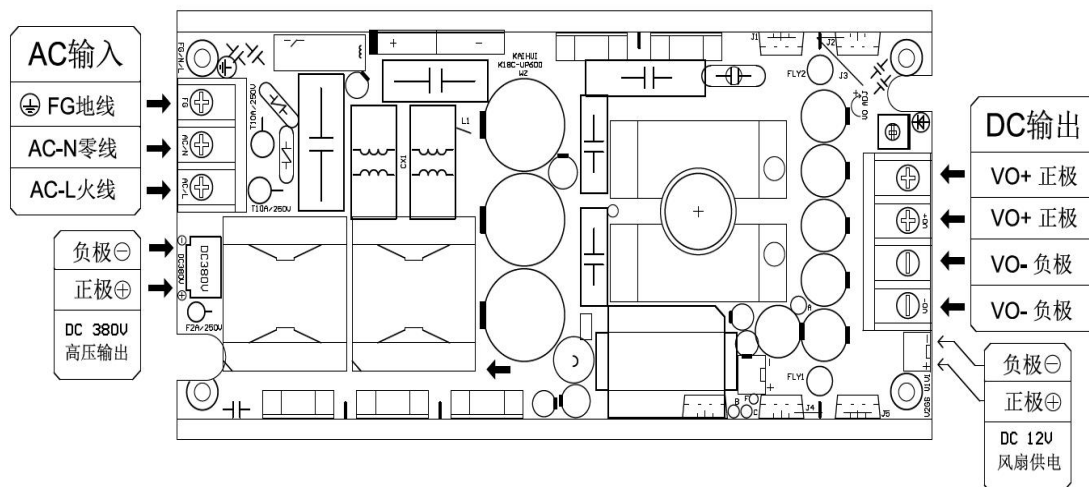
Terminals description:

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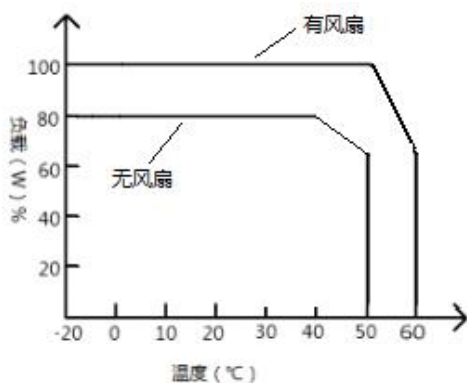


DC-OUTPUT:4P-825(8.25mm)

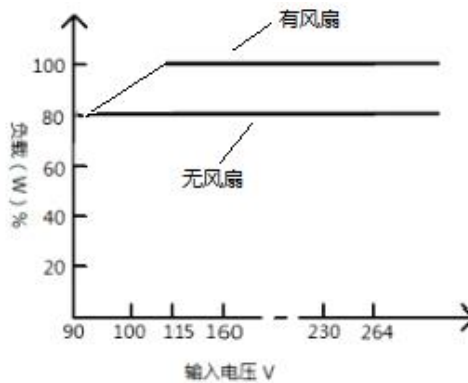
DC-12V (0.3A) for the cooling fan: C3-2P(2.54mm)



Load curve:



Temp.---Load curve



Input voltage---Load curve