

### 典型性能 Typical performance

宽范围输入 Wide Input voltage range
转换效率 Typical Efficiency (典型 75%)
开关频率 Switching frequency : 60 KHz
过流、短路保护, 自动恢复 Overcurrent/ Short circuit protection, Self-furbish
输入与输出高隔离 Input-output isolate
PCB 板上直插式安装 Board in-line type installs
金属外壳 Metal case



### 技术参数

测试条件：如无特殊指定，所有参数测试均在标称输入电压、纯阻性额定负载及 25 室温环境下测得。

### Technology parameter

Test condition: General Nominal Line, Tc=25 °, Rated resistant load unless other wispecified

输入特性 Input	Min(Vac)	Nom(Vac)	Max(Vac)	Notes
输入电压 Vac	165(200Vdc)	220	265(380Vdc)	N
Input voltage	85(120Vdc)	220	265(380Vdc)	W
输入频率范围 Frequency range Hz	47		440	
遥控端 Remote ON/OFF	无遥控端			

### 输出特性 Output

输出电压精度 Voltage accuracy		Vo1 ; Vo2	±1.0% ; ±2.0%
源效应 Line regulation	标称负载, 全电压范围	Vo1 ; Vo2	±0.2% ; ±0.5%
负载效应 Load regulation	20% ~ 100% 额定负载	Vo1 ; Vo2	±0.5% ; ±3.0%
纹波及噪声 Ripple and noise	20MHz BM 满载		
	Vo 5.0V, 80mVp-p	Vo 48V, 180mVp-p	Other 120 mVp-p
启动延迟时间 Turn-on delay time	典型值		1S

### 一般特性 General

转换效率 Efficiency	标称电压输入, 满载	Vo 5.0V, 72% 典型	Vo>5.0V, 75% 典型
开关频率 Switching frequency		60KHz 典型	
工作温度 Operating temperature		自由空气对流 Free air	-25 ~ +65
储存温度 Storage temperature			-40 ~ +105
最大壳温 Max case temperature			+90
相对湿度 Relative humidity			10%~90%
外壳材料 case material			金属壳 Metal case

隔离电压 Isolation Voltage	输入与输出 Input-output 2.5KV 1.5mA/1min ; 输入与外壳 Input- case 输入与 FG Input-FG 1.5KV 1.5mA/1min
最小无故障间隔时间(MTBF)	2X10 <sup>5</sup> Hrs

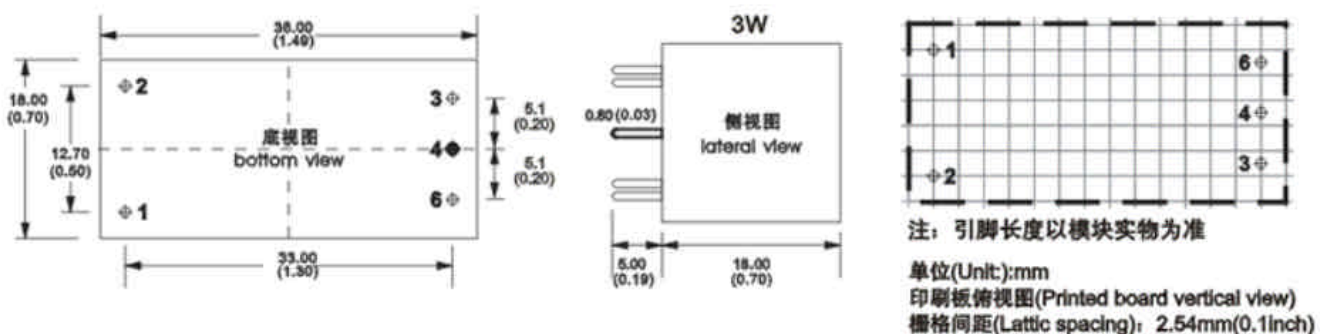
### 典型产品列表 Typical product tabulates

型号 TYPE	输入电压范围 Input voltage range	输出电压/电流 ( Output voltage / current )					
		VO1		VO2		VO3	
		V	mA	V	mA	V	mA
WA3-220S05A3	85~265VAC 120~380VDC	5V	600m A				
WA3-220S09A3		9V	330m A				
WA3-220S12A3		12V	250m A				
WA3-220S15A3		15V	200m A				
WA3-220S24A3		24V	120m A				
WA3-220S48A3		48V	60m A				
WA3-220D05A3		+5V	300m A	-5V	300m A		
WA3-220D06A3		+6V	250m A	-6V	250m A		
WA3-220D09A3		+9V	165m A	-9V	165m A		
WA3-220D12A3		+12V	125m A	-12V	125m A		
WA3-220D15A3		+15V	100 m A	-15V	100 m A		
WA3-220D24A3		+24V	60 m A	-24V	60 m A		
WA5-220S05A3		5V	1000 m A				

注：因篇幅有限，以上只是部分产品列表，若需列表以外产品，请与本公司销售部联系。

due to space limitations ,the above list is only for some products, If other than a list of products, please contact the Company's sales department.

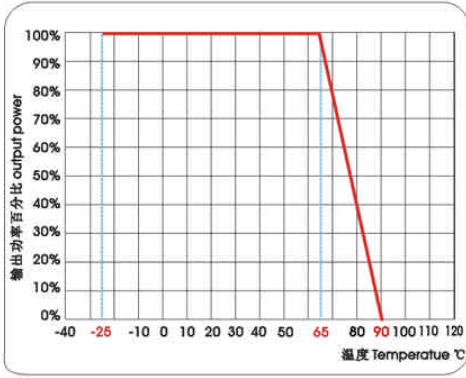
### 封装尺寸图 Mechanical Data



### 封装尺寸 Mechanical Data

封装代号	L x W x H	
A3	38.00 × 18.00 × 18.00mm	1.50 × 0.71 × 0.71inch

### 温度曲线图 Temperature graph



### 管脚定义 Pin Assignments

单路(S)	1	2	3	4	5	6
	AC(N)	AC(L)	+Vout	NP	NP	GND
双路(D)	1	1	3	4	5	6
	AC(N)	AC(L)	+Vo1	COM	COM	-Vo2

注意：电源模块的各管脚定义如与选型手册不符，应以实物标签上的标注为准。

Note : The power modules such as the definition of the pin does not match with the hand book, please refer to the actual item.