

# YA5 Series



## 输入特性Input

	Min	Nom	Max	Notes
输入电压Vdc Input Voltage	165(200Vdc) 85(100Vdc)	220	265(375Vdc) 265(375Vdc)	N W
输入频率Hz Input Frequency	45		65	

## 输出特性Output

输出电压精度 Setpoint Accuracy		± 1% ± 3%		Vo1 Vo2、Vo3
源效应 Line Regulation			± 0.2%	
负载效应 Load Regulation			± 0.5%	
纹波与噪声 Ripple and Noise			50mVp-p 100mVp-p 200mVp-p	Vo ≤ 5Vdc Other Vo ≥ 48Vdc
温度系数 Temperature Coefficient		± 0.1%/°C		

## 综合特性General

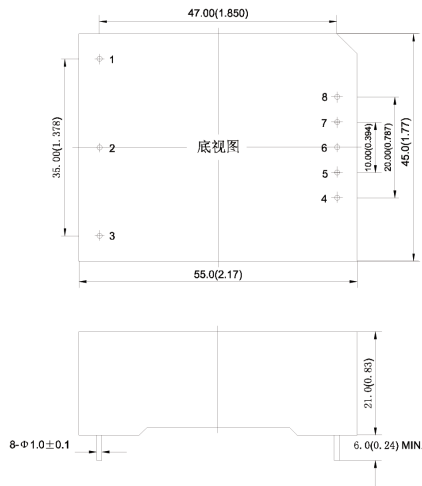
隔离电压 Isolation Voltage			2500Vac/1min/5mA 1500Vac/1min/5mA 500Vac/1min/5mA 1500Vac/1min/5mA	Input-Output Input-Case Output- Case Input-Output*
开关频率 Switching Frequency		60KHz		
MTBF		3 × 10 <sup>5</sup> h		
工作壳温 Case Temperature	-10°C -25°C -40°C -40°C		+70°C +85°C +85°C +85°C	Commercial 商用级 Industry 工业级 Military AD 军品AD级 Military AG 军品AG级
储存温度 Storage Temperature	-40°C		+105°C	
相对湿度 Relative Humidity	10%		90%	
短路保护 Short-Circuit Protection	短路自恢复			Continuous, Automatic Recovery

注1: \*只限于金属壳封装。

注2: 商用级封装为塑壳, 其它等级为金属壳。

型号 Model	输入电压(Vac) Input Voltage	输出电压(Vdc) Output Voltage	输出电流(A) Output Current	效率 Efficiency	
		Vo1/Vo2/Vo3	Io1/Io2/Io3		
单路	YAS5-3-N	165~265	3.3	1.2	67%
	YAS5-5-N	165~265	5.05	1	74%
	YAS5-12-N	165~265	12	0.41	75%
	YAS5-15-N	165~265	15	0.33	75%
	YAS5-24-N	165~265	24	0.21	75%
	YAS5-48-N	165~265	48	0.11	75%
	YAS5-3-W	85~265	3.3	1.2	67%
	YAS5-5-W	85~265	5.05	1	74%
	YAS5-12-W	85~265	12	0.41	75%
	YAS5-15-W	85~265	15	0.33	75%
	YAS5-24-W	85~265	24	0.21	75%
	YAS5-48-W	85~265	48	0.11	75%
双路	YAD5-5-N	165~265	+5.05/-5.05	+0.5/-0.5	73%
	YAD5-12-N	165~265	+12/-12	+0.21/-0.21	75%
	YAD5-15-N	165~265	+15/-15	+0.17/-0.17	75%
	YAD5-24-N	165~265	+24/-24	+0.1/-0.1	75%
	YAD5-5-W	85~265	+5.05/-5.05	+0.5/-0.5	73%
	YAD5-12-W	85~265	+12/-12	+0.21/-0.21	75%
	YAD5-15-W	85~265	+15/-15	+0.17/-0.17	75%
	YAD5-24-W	85~265	+24/-24	+0.1/-0.1	75%
	YAD5-0505-NI	165~265	5/5	1/0.1	72%
	YAD5-0512-NI	165~265	5/12	0.8/0.1	72%
	YAD5-0524-NI	165~265	5/24	0.6/0.1	72%
	YAD5-0505-WI	85~265	5/5	1/0.1	72%
	YAD5-0512-WI	85~265	5/12	0.8/0.1	72%
	YAD5-0524-WI	85~265	5/24	0.6/0.1	72%
	YAD5-05H05-NI	165~265	5/5	0.8/0.2	72%
	YAD5-05H12-NI	165~265	5/12	0.6/0.2	73%
	YAD5-05H15-NI	165~265	5/15	0.6/0.15	73%
	YAD5-05H05-WI	85~265	5/5	0.8/0.2	72%
	YAD5-05H12-WI	85~265	5/12	0.6/0.2	73%
	YAD5-05H15-WI	85~265	5/15	0.6/0.15	73%
	YAD5-05V05-NI	165~265	5/5	0.7/0.3	72%
	YAD5-05V05-WI	85~265	5/5	0.7/0.3	72%
三路	YAT5-0505-NI	165~265	5/+5/-5	0.8/+0.1/-0.1	70%
	YAT5-0512-NI	165~265	5/+12/-12	0.6/+0.1/-0.1	70%
	YAT5-0515-NI	165~265	5/+15/-15	0.6/+0.08/-0.08	70%
	YAT5-0505-WI	85~265	5/+5/-5	0.8/+0.1/-0.1	70%
	YAT5-0512-WI	85~265	5/+12/-12	0.6/+0.1/-0.1	70%
	YAT5-0515-WI	85~265	5/+15/-15	0.6/+0.08/-0.08	70%

### 产品示意图



### 管脚定义

定义	单路	均载双路	非均载双路	叁路	*F尾缀
1	L	L	L	L	L
2	N	N	N	N	N
3	FG	FG	FG	FG	FG
4	-Vo	-Vo	-Vo1	-Vo1	+Vo
5	NP	NP	+Vo1	+Vo1	NP
6	NP	COM	NC	Vo3	COM
7	NP	NP	-Vo2	COM	NP
8	+Vo	+Vo	+Vo2	Vo2	-Vo

金属壳尺寸(mm): 56.0\*46.0\*23.0