

YA10-15

Series



输入特性Input

	Min	Nom	Max	Notes
输入电压Vac Input Voltage	165(200Vdc) 85(100Vdc)	220	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		100KHz	
MTBF		3 × 10 ⁵ 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。

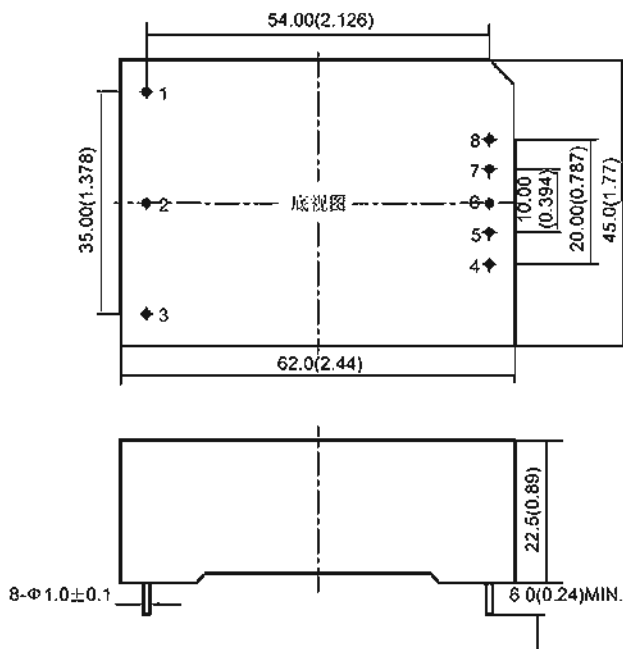
注2: 商用级封装为塑壳, 其它等级为金属壳。

	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	
10W单路	YAS10-3-N	165~265	3.3	2.5	75%
	YAS10-5-N	165~265	5.05	2	76%
	YAS10-12-N	165~265	12	0.83	79%
	YAS10-15-N	165~265	15	0.66	79%
	YAS10-24-N	165~265	24	0.42	79%
	YAS10-48-N	165~265	48	0.21	79%
	YAS10-3-W	85~265	3.3	2.5	75%
	YAS10-5-W	85~265	5.05	2	76%
	YAS10-12-W	85~265	12	0.83	79%
	YAS10-15-W	85~265	15	0.66	79%
	YAS10-24-W	85~265	24	0.42	79%
YAS10-48-W	85~265	48	0.21	79%	
10W双路	YAD10-5-N	165~265	+5.05/-5.05	+1/-1	76%
	YAD10-12-N	165~265	+12/-12	+0.42/-0.42	76%
	YAD10-15-N	165~265	+15/-15	+0.33/-0.33	76%
	YAD10-24-N	165~265	+24/-24	+0.21/-0.21	76%
	YAD10-5-W	85~265	+5.05/-5.05	+1/-1	76%
	YAD10-12-W	85~265	+12/-12	+0.42/-0.42	76%
	YAD10-15-W	85~265	+15/-15	+0.33/-0.33	76%
	YAD10-24-W	85~265	+24/-24	+0.21/-0.21	76%
	YAD10-0505-NI	165~265	5/5	2.0/0.1	76%
	YAD10-0512-NI	165~265	5/12	1.8/0.1	76%
	YAD10-0515-NI	165~265	5/15	1.7/0.1	76%
	YAD10-0524-NI	165~265	5/24	1.5/0.1	76%
	YAD10-0548-NI	165~265	5/48	1/0.1	76%
	YAD10-0505-WI	85~265	5/5	2.0/0.1	76%
	YAD10-0512-WI	85~265	5/12	1.8/0.1	76%
	YAD10-0515-WI	85~265	5/15	1.7/0.1	76%
	YAD10-0524-WI	85~265	5/24	1.5/0.1	76%
	YAD10-0548-WI	85~265	5/48	1/0.1	76%
	YAD10-05H05-NI	165~265	5/5	1.8/0.2	75%
	YAD10-05H12-NI	165~265	5/12	1.5/0.2	75%
	YAD10-05H15-NI	165~265	5/15	1.4/0.2	76%
	YAD10-05H24-NI	165~265	5/24	1.1/0.2	76%
	YAD10-05H05-WI	85~265	5/5	1.8/0.2	75%
	YAD10-05H12-WI	85~265	5/12	1.5/0.2	75%
	YAD10-05H15-WI	85~265	5/15	1.4/0.2	76%
	YAD10-05H24-WI	85~265	5/24	1.1/0.2	76%
	YAD10-05V05-NI	165~265	5/5	1.6/0.4	76%
	YAD10-05V12-NI	165~265	5/12	1.1/0.4	77%
	YAD10-05V15-NI	165~265	5/15	1.1/0.3	77%
	YAD10-05V05-WI	85~265	5/5	1.6/0.4	76%
	YAD10-05V12-WI	85~265	5/12	1.1/0.4	77%
	YAD10-05V15-WI	85~265	5/15	1.1/0.3	77%
10W三路	YAT10-0505-NI	165~265	5/+5/-5	1.8/+0.1/-0.1	75%
	YAT10-0512-NI	165~265	5/+12/-12	1.5/+0.1/-0.1	75%
	YAT10-0515-NI	165~265	5/+15/-15	1.4/+0.1+0.1	76%
	YAT10-0505-WI	85~265	5/+5/-5	1.8/+0.1/-0.1	75%
	YAT10-0512-WI	85~265	5/+12/-12	1.5/+0.1/-0.1	75%
	YAT10-0515-WI	85~265	5/+15/-15	1.4/+0.1+0.1	76%
	YAT10-05H05-NI	165~265	5/+5/-5	1.6/+0.2/-0.2	75%
	YAT10-05H12-NI	165~265	5/+12/-12	1.1/+0.2/-0.2	76%
	YAT10-05H15-NI	165~265	5/+15/-15	1.1/+0.2/-0.2	76%
	YAT10-05H05-WI	85~265	5/+5/-5	1.6/+0.2/-0.2	75%
	YAT10-05H12-WI	85~265	5/+12/-12	1.1/+0.2/-0.2	76%
	YAT10-05H15-WI	85~265	5/+15/-15	1.1/+0.2/-0.2	76%
	YAT10-05V05-NI	165~265	5/+5/-5	1/+0.5/0-0.5	76%
	YAT10-05V12-NI	165~265	5/+12/-12	0.8/+0.25/-0.25	76%
	YAT10-05V05-WI	85~265	5/+5/-5	1/+0.5/0-0.5	76%
	YAT10-05V12-WI	85~265	5/+12/-12	0.8/+0.25/-0.25	76%

	型号 Model	输入电压(Vac) Input Voltage	输出电压(Vdc)	输出电流(A)	效率 Efficiency	
			Output Voltage	Output Current		
		Vo1/Vo2/Vo3		Io1/Io2/Io3		
15W单路	YAS15-3-N	165~265	3.3	3.6	75%	
	YAS15-5-N	165~265	5.05	3	76%	
	YAS15-12-N	165~265	12	1.25	78%	
	YAS15-15-N	165~265	15	1	79%	
	YAS15-24-N	165~265	24	0.63	79%	
	YAS15-48-N	165~265	48	0.31	80%	
	YAS15-3-W	85~265	3.3	3.6	75%	
	YAS15-5-W	85~265	5.05	3	76%	
	YAS15-12-W	85~265	12	1.25	78%	
	YAS15-15-W	85~265	15	1	79%	
	YAS15-24-W	85~265	24	0.63	79%	
	YAS15-48-W	85~265	48	0.31	80%	
15W双路	YAD15-5-N	165~265	+5.05/-5.05	+1.5/-1.5	76%	
	YAD15-12-N	165~265	+12/-12	+0.63/-0.63	76%	
	YAD15-15-N	165~265	+15/-15	+0.5/-0.5	76%	
	YAD15-24-N	165~265	+24/-24	+0.33/-0.34	76%	
	YAD15-5-W	85~265	+5.05/-5.05	+1.5/-1.5	76%	
	YAD15-12-W	85~265	+12/-12	+0.63/-0.63	76%	
	YAD15-15-W	85~265	+15/-15	+0.5/-0.5	76%	
	YAD15-24-W	85~265	+24/-24	+0.33/-0.34	76%	
	YAD15-0505-NI	165~265	5/5	3/0.1	75%	
	YAD15-0512-NI	165~265	5/12	2.8/0.1	75%	
	YAD15-0515-NI	165~265	5/15	2.7/0.1	75%	
	YAD15-0524-NI	165~265	5/24	2.5/0.1	75%	
	YAD15-0505-WI	85~265	5/5	3/0.1	75%	
	YAD15-0512-WI	85~265	5/12	2.8/0.1	75%	
	YAD15-0515-WI	85~265	5/15	2.7/0.1	75%	
	YAD15-0524-WI	85~265	5/24	2.5/0.1	75%	
	YAD15-05H05-NI	165~265	5/5	2.8/0.2	76%	
	YAD15-05H12-NI	165~265	5/12	2.5/0.2	76%	
	YAD15-05H15-NI	165~265	5/15	2.4/0.2	76%	
	YAD15-05H05-WI	85~265	5/5	2.8/0.2	76%	
	YAD15-05H12-WI	85~265	5/12	2.5/0.2	76%	
	YAD15-05H15-WI	85~265	5/15	2.4/0.2	76%	
	YAD15-05V05-NI	165~265	5/5	2.5/0.5	76%	
	YAD15-05V12-NI	165~265	5/12	1.8/0.5	76%	
	YAD15-05V15-NI	165~265	5/15	1.8/0.4	78%	
	YAD15-05V24-NI	165~265	5/15	1.6/0.4	76%	
	YAD15-05V05-WI	85~265	5/5	2.5/0.5	75%	
	YAD15-05V12-WI	85~265	5/12	1.8/0.5	76%	
	YAD15-05V15-WI	85~265	5/15	1.8/0.4	78%	
	YAD15-05V24-WI	85~265	5/15	1.6/0.4	76%	

	型号 Model	输入电压(Vac) Input Voltage	输出电压(Vdc)	输出电流(A)	效率 Efficiency
			Output Voltage	Output Current	
15W三路			Vo1/Vo2/Vo3	Io1/Io2/Io3	
	YAT15-0505-NI	165~265	5/+5/-5	2.8/+0.1/-0.0	75%
	YAT15-0512-NI	165~265	5/+12/-12	2.5/+0.1/-0.1	75%
	YAT15-0515-NI	165~265	5/+15/-15	2.4/+0.1/-0.1	75%
	YAT15-0524-NI	165~265	5/+24/-24	2.1/+0.1/-0.1	75%
	YAT15-0505-WI	85~265	5/+5/-5	2.8/+0.1/-0.0	75%
	YAT15-0512-WI	85~265	5/+12/-12	2.5/+0.1/-0.1	75%
	YAT15-0515-WI	85~265	5/+15/-15	2.4/+0.1/-0.1	75%
	YAT15-0524-WI	85~265	5/+24/-24	2.1/+0.1/-0.1	75%
	YAT15-05H05-NI	165~265	5/+5/-5	2.6/+0.2/-0.2	75%
	YAT15-05H12-NI	165~265	5/+12/-12	2.1/+0.2/-0.2	76%
	YAT15-05H15-NI	165~265	5/+15/-15	1.8/+0.2/-0.2	76%
	YAT15-05H05-WI	85~265	5/+5/-5	2.6/+0.2/-0.2	75%
	YAT15-05H12-WI	85~265	5/+12/-12	2.1/+0.2/-0.2	76%
	YAT15-05H15-WI	85~265	5/+15/-15	1.8/+0.2/-0.2	76%
	YAT15-05V05-NI	165~265	5/+5/-5	2/+0.5/-0.5	75%
	YAT15-05V12-NI	165~265	5/+12/-12	1.6/+0.3/-0.3	75%
	YAT15-05V15-NI	165~265	5/+15/-15	1.5/+0.25/-0.25	75%
YAT15-05V05-WI	85~265	5/+5/-5	2/+0.5/-0.5	75%	
YAT15-05V12-WI	85~265	5/+12/-12	1.6/+0.3/-0.3	76%	
YAT15-05V15-WI	85~265	5/+15/-15	1.5/+0.25/-0.25	76%	

产品示意图



管脚定义

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

金属壳尺寸(mm): 63.0*45.0*22.5