

YA20 YA25 Series



01 产品主要特性 General Characteristics

- 全球通用输入范围 85~265Vac
 - 单路、双路及三路输出
 - 2500Vac 隔离耐压
- Universal Input 85~265Vac
 - Single, Dual and Triple Output Models
 - I/O-Isolation 2500Vac

02 产品选型表 Model Selection Guide

型号 Product Model	输入电压范围（标称值） Input Voltage Range (Typical)	输出电压 Output Voltage (Vdc)	输出电流 Output Current (A)	典型效率 Efficiency (%)
YAS20-5-W	85~265Vac (220Vac)	5	4	76
YAS20-12-W		12	1.67	76
YAS20-15-W		15	1.33	76
YAS20-24-W		24	0.83	78
YAS25-5-W		5	5	76
YAS25-12-W		12	2.08	77
YAS25-15-W		15	1.67	78
YAS25-24-W		24	1.04	78
YAS25-48-W		48	0.52	79
YAD20-5-W		±5	±2	76
YAD20-12-W		±12	±0.83	76
YAD20-15-W		±15	±0.67	78
YAD20-24-W		±24	±0.42	78
YAD25-5-W		±5	±2.5	77
YAD25-12-W		±12	±1.04	79
YAD25-15-W		±15	±0.83	79
YAD25-24-W		±24	±0.52	79
YAD20-0505-WI	120~375Vdc (310Vdc)	5/5	4/0.1	76
YAD20-05H05-WI		5/5	3.8/0.2	76
YAD20-05V05-WI		5/5	3/1	76
YAD20-0512-WI		5/12	3.8/0.1	76
YAD20-05H12-WI		5/12	3.5/0.2	76
YAD20-05V12-WI		5/12	2.1/0.8	76
YAD20-0515-WI		5/15	3.7/0.1	76
YAD20-05H15-WI		5/15	3.4/0.2	76
YAD20-05V15-WI		5/15	2.2/0.6	76
YAD20-0524-WI		5/24	3.5/0.1	76
YAD20-05H24-WI		5/24	3/0.2	76
YAD20-05V24-WI		5/24	2.6/0.3	76
YAD25-0505-WI		5/5	5/0.1	76
YAD25-05H05-WI		5/5	4.8/0.2	76
YAD25-05V05-WI		5/5	3.5/1.5	76
YAD25-0512-WI		5/12	4.8/0.1	76
YAD25-05H12-WI		5/12	4.5/0.2	76

型号 Product Model	输入电压范围（标称值） Input Voltage Range (Typical)	输出电压 Output Voltage (Vdc)	输出电流 Output Current (A)	典型效率 Efficiency (%)
YAD25-05V12-WI	85~265Vac (220Vac) 120~375Vdc (310Vdc)	5/12	3/1	76
YAD25-0515-WI		5/15	4.7/0.1	76
YAD25-05H15-WI		5/15	4.4/0.2	76
YAD25-05V15-WI		5/15	3.5/0.5	76
YAD25-0524-WI		5/24	4.5/0.1	76
YAD25-05H24-WI		5/24	4/0.2	76
YAD25-05V24-WI		5/24	3.5/0.3	76
YAT20-0512-WI		5/±12	3.5/±0.1	76
YAT20-05H12-WI		5/±12	3/±0.2	76
YAT20-05V12-WI		5/±12	2.1/±0.4	76
YAT20-0515-WI		5/±15	3.4/±0.1	76
YAT20-05H15-WI		5/±15	2.8/±0.2	76
YAT20-05V15-WI		5/±15	2.2/±0.3	76
YAT25-05H12-WI		5/±12	4/±0.2	76
YAT25-05V12-WI		5/±12	3.1/±0.4	76
YAT25-05H15-WI		5/±15	3.8/±0.2	76
YAT25-05V15-WI		5/±15	2.6/±0.4	76

表格中 YA20 系列标准输入范围 (W) 的产品为商业级，工业级为金属壳，型号须在输入范围前加 T。例：YAS20-5-TW；其它系列产品均为金属壳工业级。
The default YA20 series used in commerce field.YA20 series with metal case used in industry field,suffix T. Example: YAS20-5-TW.

03 封装尺寸和管脚定义图 Outline Diagram And Pin Out

YA20 YA25

YA20 无 TRIM 管脚（4 管脚为 NP）
YA20 is no trim pin(4pin is NP)

金属壳尺寸：72.0*49.5*23.5mm
Outline dimension of metal case: 72.0*49.5*23.5mm

定义 Pin Out	单路 Single Output	均载双路 Dual balanced load	非均载双路 Dual unbalanced load	参路 Triple output
1	L	L	L	L
2	N	N	N	N
3	FG	FG	FG	FG
4	TRIM	NP	NP	NP
5	-Vo	-Vo	-Vo1	-Vo1
6	NP	NP	+Vo1	+Vo1
7	NP	COM	NC	Vo3
8	NP	NP	-Vo2	COM
9	+Vo	+Vo	+Vo2	Vo2