

# 晶闸管交流电源

## Thyristor AC power supply



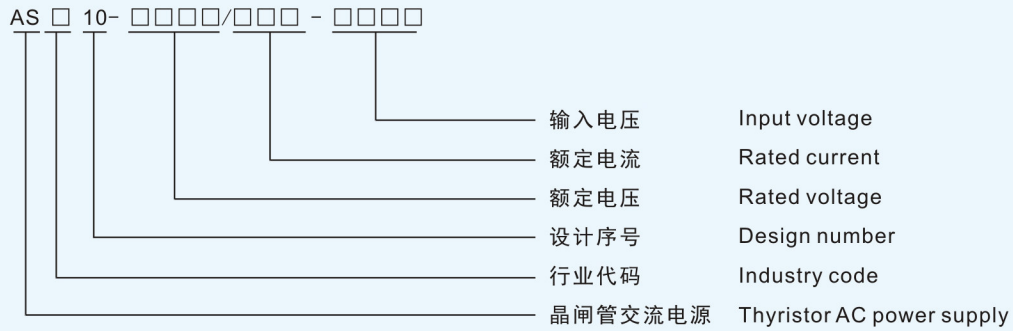
### 产品用途 Application

产品广泛应用于钢铁冶金、玻璃玻纤、真空镀膜、工业电炉、晶体生长、空气分离等行业领域。  
Widely used in iron and steel metallurgy, glass fiber, vacuum coating, industrial furnace, crystal growth, air separation and other industries.

### 产品特点 Features

- 全数字化设计，32位高速DSP作为控制核心，响应速度快，稳定性高
- 支持恒电压、恒电流、恒功率等多种运行方式，可自由选择使用
- 采用真有效值检测技术，精确恒定输出功率
- 支持第二代联机功率分配技术，有效提升变压器的供电可靠性
- 可选配叠层控制技术，提高电源系统功率因数，降低谐波
- 标配支持Modbus通讯，选件支持Profibus-DP通讯
- Full digital design, 32 bit high-speed DSP as the control core, fast response, high stability
- Support the constant voltage, constant current, constant power and other operating mode, can freely choose to use
- Using true RMS detection technology, accurate and constant output power
- Support the second generation online power distribution technology, and effectively improve the power distribution reliability of the transformer
- Optional stack control technology, improve the power factor of power supply system, reduce the harmonic
- Standard configuration support Modbus communication, options support Profibus-DP communication

## 型号定义 Model Definition



## 规格参数 Specification Parameter

输入	
输入电压	2ΦAC220~690V (特殊规格定制) 3ΦAC220~690V (特殊规格定制)
输入频率	47~63Hz
输出	
额定电压	AC10~30000V (特殊规格定制)
额定电流	AC10~30000A (特殊规格定制)
主要特征	
控制精度	1%
稳定度	优于0.5%
给定方式	模拟、通讯
运行模式	移相、调功、LZ
控制方式	U、I、U <sup>2</sup> 、I <sup>2</sup> 、P
保护功能	过流保护、过热保护、电源异常保护、负载不平衡保护、晶闸管故障
通讯	标准配置:RS485通讯接口, 支持Modbus通讯 选件:支持Profibus-DP通讯
其他	
冷却方式	风冷、水冷
外形尺寸	根据客户要求定制

Input	
Input voltage	2ΦAC220~690V (could be customized) 3ΦAC220~690V (could be customized)
Input frequency	47~63Hz
Output	
Rated voltage	AC10~30000V (could be customized)
Rated current	AC10~30000A (could be customized)
Main features	
Control accuracy	1%
Stability	better than 0.5%
Setting mode	Analog, communication
Operation mode	Phase shift, power regulation, LZ
Control mode	U、I、U <sup>2</sup> 、I <sup>2</sup> 、P
Protection	Over current protection, overheat protection, power anomaly, unbalanced load protection, thyristor fault
Communication	Standard configuration:RS485 communication interface, support Modbus communication Option:Support Profibus-DP communication
Other	
Cooling mode	Fan cooling, water cooling
Dimension	Can be customized according to customer requirements



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