

Modulator PS1000系列固态调制器

PS1000 Series Solid-State Modulator



产品用途 Application

Modulator PS1000系列固态调制器是一种采用全固态开关与高变比脉冲变压器技术的高压脉冲电源，用于驱动脉冲磁控管，可应用于医学放疗、工业无损检测、海关安检加速器等领域。

Modulator PS1000系列固态调制器可以与电子枪电源、钛泵电源、具有AFC功能的加速器控制系统集成，为客户特定需求提供系统化解方案。

The PS1000 Series Solid State Modulator are a high Performance and high reliable pulse power source which adopt the solidstate switch and high ratio pulse transformer technology, PS 1000 series solid state modulator are used to drive various magnetron which used in the fields of the medical radiotherapy, industrial non-destructive testing, customs security monitoring and other application systems.

The PS1000 series solid state modulator can be integrated with electron gun power supply, ion pump power supply、accelerator control system with automatic frequency control function according to the requirements of the customers.

产品特点 Product Features

- 波形校正技术：在负载阻抗变化情况下，高压输出波形可进行校正，满足用户应用需求
- 打火保护速度快，抗打火能力强
- 高可靠性：源于独特的脉冲调制技术、优异的系统设计和严格的质量控制
- 功能模块化：系统化产品的功能单元采用模块化设计，满足不同的安装要求
- 使用维护成本低

- Waveform correction technology: high voltage output waveform can be corrected to meet the requirement of customer when the load impedance is changed.
- Less than 0.6μs responsive time to load arc, excellent protection ability to load arc.
- Excellent reliability originate from distinctive pulse modulation, excellent system design and rigorous quality control of the PS1000 series modulator
- Function modularization: function modularization scheme is adopted in the PS1000 series modulator and therefore easy to assemble as the different customer requirements
- Low operation and maintenance cost

Modulator PS2000系列固态调制器

PS2000 Series Solid-State Modulator



产品用途 Application

Modulator PS2000系列固态调制器是一种采用全固态开关与高变比脉冲变压器技术的高压脉冲电源，用于驱动脉冲速调管，可应用于医学放疗、工业无损检测、物品辐照加速器等领域。

Modulator PS2000系列固态调制器可以与电子枪电源、钛泵电源、聚焦电源、导向电源、具有AFC功能的加速器控制系统集成，为客户特定需求提供系统化解决方案。

The PS2000 series solid state modulator are a high performance and high reliable pulse power source which adopt the solid state switch and high ratio pulse transformer technology, PS 2000 series solid state modulator are used to drive various klystron which used in the fields of the medical radiotherapy, industrial nondestructive testing, customs security monitoring and other application systems. The PS2000 series solid state modulator can be integrated with electron gun power supply, ion pump power supply, beam scanning and guiding power supply, power supply for klystron focusing magnetic field, accelerator control system with automatic frequency control function as the requirements of the customers.

产品特点 Product Features

- 波形校正技术：在负载阻抗变化情况下，高压输出波形可进行校正，满足用户应用需求
- 打火保护速度快，抗打火能力强
- 高可靠性：源于独特的脉冲调制技术、优异的系统设计和严格的质量控制
- 功能模块化和网络化：Modulator PS2000系列固态调制器和选件采用网络控制和功能模块化设计，容易按照用户的需求进行组装、调试和维护，满足用户特定要求
- 使用维护成本低

- Waveform correction technology: high voltage output waveform can be corrected to meet the requirement of customer when the load impedance is changed
- Less than 0.6μs responsive time to load arc, excellent protection ability to load arc
- Excellent reliability originate from distinctive pulse modulation, excellent system design and rigorous quality control of the PS2000 series modulator
- Function modularization and cyberization: function modularization and cyberization scheme is adopted in the PS2000 series modulator and its accessories, easy to assemble, install, and maintain as the different requirements
- Low operation and maintenance cost.

