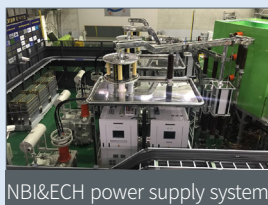


DAWONSYS Co.,Ltd

CEO	Park Sun soon	Phone	+82-31-8085-3041
E-mail	pstid@dawonsys.com		
Address	485, Sihwahosu-ro, Danwon-gu, Ansan-si, Gyeonggi-do, Korea		
major business	Power supply of Nuclear fusion&Accelerator, Plasma system&Industrial rectifier, Railway Vehicle Etc.		

DAWONSYS is a company specialized in the manufacture and technology of nuclear fusion and accelerator, Plasma system, Industrial rectifier and Railway Vehicle in Korea.

Products



- Use** high-voltage power supply for injection and heating plasma
- Description** It consists of a power supply and control system that supplies DC high voltage and current of Maximum 120kV, 70A to NBI ion source and Gyrotron



- Use** A power converter that supplies a large current to the superconducting coil
- Description** Max. 68kA AC-DC Converter system and control system



- Use** High-frequency power supply system for plasma stability
- Description** Consists of a power supply and control system with 10 kHz high-frequency for stable current supply and quick response to IVCC(In-Vessel Control Coil)

Technical Capacity

» High voltage&Large current Tech

High voltage: PSM(Pulse Step Modulator) type&Each duty control(Possible for Fine voltage control)
Large current: Parallel SCR control&Analysis(Structural, Electromagnetic field, Thermal Etc.)

» High precision power Tech

Output stability $\pm 10\text{ppm}$ completion(PLS-II @ 1,000A)
Delivery for PAL XFEL, PLS-II, KBSI, IBS, KIRAMS Etc

» Pulse Power Tech

PFN(Pulse Forming Network) type, Marx type, Hard tube type Design
Adjustable Pulse Width&Frequency, Inverter power supply for large capacity capacitor charging(XFEL, PLS-II Etc.)