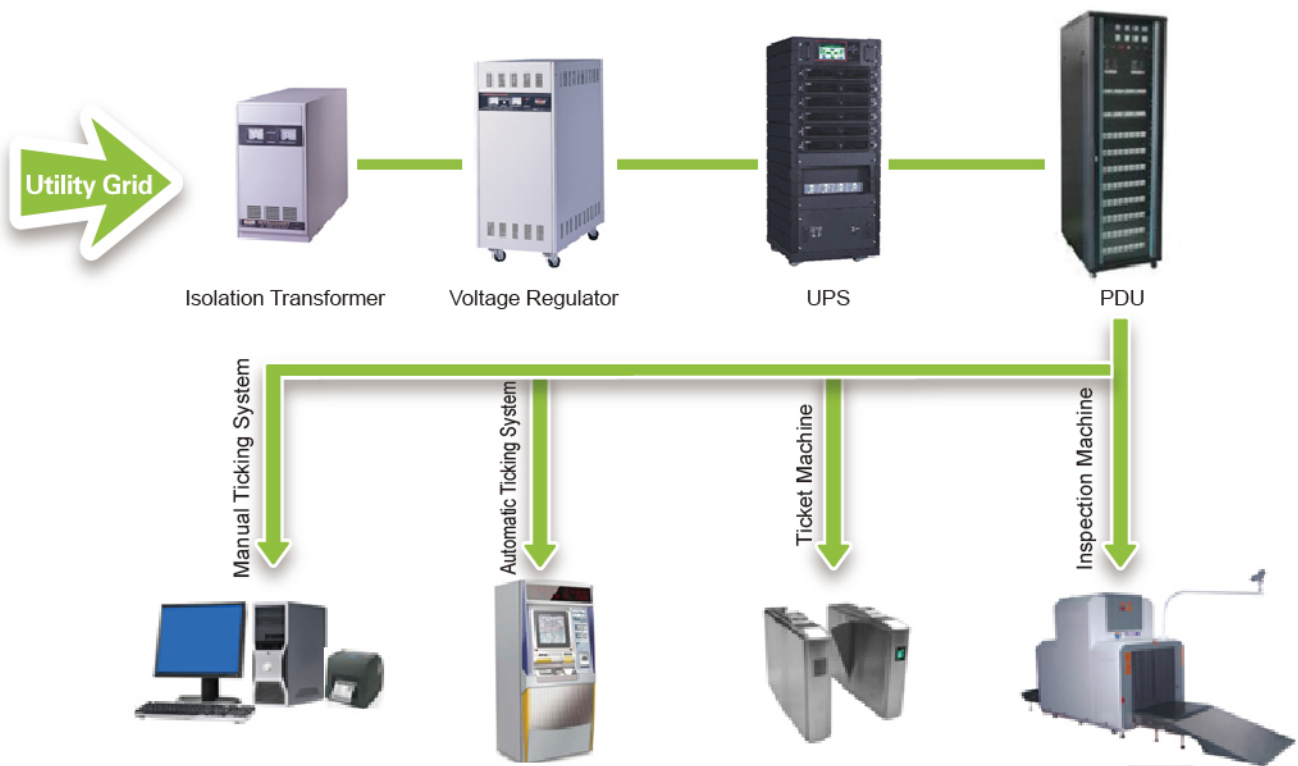


Railway System Applications

Nowadays, there are more and more automation equipments used in railway electrification system that increased the requirements on power quality and reliability. In sub urban area, the grid system is unstable and the grid voltage may fluctuate up to 10% that may cause the instability for railway equipments and system. Automatic voltage regulators (AVR) and uninterruptable power supplies (UPS) that ensure operation of railway system are one of the foremost important equipment. They provide continuous power supply for control center and improve power quality from utility grid for mission critical applications.



Features of APS Series Power Conditioner

- ➡ High Reliability: Equipped with surge absorbers, LC filter, EMI filter (option), isolation transformer (option), converts utility grid power to a stable and regulated power, prevent equipment from abnormal conditions such as surge from the grid
- ➡ Wide Input Range: Regulate +/-25% grid voltage to a stable output
- ➡ Fast Response Time: response time <4ms/step, sensitive voltage regulation
- ➡ CE Certified: APS series power supply complied with CE standard with very low EMI noise

Features of ASU Series Uninterruptable Power Supplies (UPS)

- ➡ Double Conversion - True On-Line UPS with zero transfer time.
- ➡ IGBT/PWM technology for high efficiency & high reliability.
- ➡ Microprocessor Control with fast and precise response.
- ➡ Pure Sine Wave Output
- ➡ Small size and low noise., and low THD.
- ➡ High input power factor (>0.95).